VOLUME 11

2026

Guide to German Medtech Companies

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Medtech Companies

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Published by:
Knowbio GmbH
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13509 Berlin
Germany
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www.knowb.io
Executive Producer: Christian Böhm
Production: Martina Willnow
Graphic Design: Michaela Reblin

Printed at: Druckhaus Sportflieger GmbH, Berlin

Pictures: www.istockphoto.com/Who_I_am/chana (cover); Fraunhofer Institute for Applied Polymer Sciences IAP, Potsdam (p. 7), Graphics: SPECTARIS Jahrbuch 2026, Die deutsche Medizintechnik-Industrie, facts and figures (p. 7-10) by Spectaris.de

ISBN: 978-3-928383-97-4

Editorial

Medical technology: a key focus of Germany's high-tech agenda

In recent years, the medical technology industry has struggled under the weight of regulatory and economic challenges, creating the impression that progress had slowed or even reversed. Despite these conditions, which seem to hinder innovation, the German medical technology industry is still the strongest in Europe. However, sales growth is slowing down, and companies find themselves caught between global and geopolitical disputes (tariffs) and massive technological catch-up efforts from Asia. The perceived strength of the industry could therefore be built on shaky foundations, and calls for politicians to finally take action have become increasingly desperate.

Fortunately, things now seem to be moving forward. Suddenly, medical technology is playing a central role in Germany's high-tech agenda. At least, that was the message from Parliamentary State Secretary Matthias Hauer during the kick-off event for the MedTech Dialogue in November 2025 at the Federal Ministry of Health.

The Federal Chancellery is also actively involved in the process. Other participants come from the departments of health, economics, research and technology, and the medical technology industry. Together, they are drafting a strategy paper that summarises the results and will be submitted to the Federal Cabinet for approval.

The medical technology industry is represented by BVMed, SPECTARIS, VDGH and ZVEI. They are calling for "the courage to implement far-reaching and strategic reforms" in order to strengthen Germany's competitiveness as a centre of innovation in medical technology. Some of their priorities have been known for years: reducing bureaucracy and deregulation, rapidly bringing innovations into standard care, expanding digital and AI-based care services, and utilising health data.

Is there now a chance that these demands will finally be heard and implemented? Industry associations are confident that the interdepartmental strategy process is the right way to strengthen Germany's position as a leading medical technology location while ensuring high-quality healthcare for the population.

In 2026, the German Medtech Guide will continue to represent the sector at key national and international events, serving as both a snapshot of the industry's current strengths and a reminder of what is at stake if structural challenges remain unaddressed.

Maren Kühr
Editor

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Sales & Marketing

Content

Event Partners

MD&M West Anaheim | 03.-05.02.2026
https://www.mdmwest.com/en/home.html

WHX Dubai Dubai | 09.-12.02.2026
https://www.worldhealthexpo.com/events/healthcare/dubai/en/home.html

WHX Labs Dubai | 10.-13.02.2026
https://www.worldhealthexpo.com/events/labs/dubai/en/home.html

Medical Technology UK Coventry | 11.-12.03.2026
https://www.medicaltechnologyuk.com/

Kimes Seoul | 19.-22.03.2026
https://kimes.kr/eng/

Pharma West Africa Lagos | 14.-16.04.2026
https://www.pharma-westafrica.com/home

expomed eurasia Istanbul | 16.-18.04.2026
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DMEA Berlin | 21.-23.04.2026
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GITEX Future Health Africa Casablanca | 04.-06.05.2026
https://gitexfuturehealth.com/home

MedtecLIVE Stuttgart | 05.-07.05.2026
https://www.medteclive.com/en

Hospitalar Sao Paulo | 19.-22.05.2026
https://www.hospitalar.com/en/home.html

Microtec Südwest Clusterkonferenz Baden-Baden | 19.-20.05.2026
https://www.microtec-suedwest.de/

CABSAT Dubai | 02.-04.06.2026
https://www.cabsat.com/

EPHJ Geneva | 16.-19.06.2026
https://ephj.ch/en/

WHX Miami Miami Beach | 17.-19.06.2026
https://www.worldhealthexpo.com/events/healthcare/miami/en/home.html

ebme Expo Coventry | 24.-25.06.2026
https://ebme-expo.com

Medical Technology Germany Ulm | 01.-02.07.2026
https://de.medicaltechnologygermany.com/

WHX Osaka Osaka | 02.-04.07.2026
https://www.worldhealthexpo.com/events/healthcare/japan/en/home.html

Medtech China Shanghai | 01.-03.09.2026
https://www.medtechchina.com/en-us/

Medical Technology Ireland Galway | 23.-24.09.2026
http://www.medicaltechnologyireland.com/

WHX Cape Town Capetown | 13.-15.10.2026
https://www.worldhealthexpo.com/events/healthcare/capetown/en/home.html

Medica Dusseldorf | 16.-19.11.2026
https://www.medica.de/

Compamed Dusseldorf | 16.-19.11.2026
https://www.compamed.de/

Formnext Frankfurt | 17.-20.11.2026
https://formnext.mesago.com/frankfurt/de.html

SPS Nuremberg | 24.-26.11.2026
https://sps.mesago.com/nuernberg/de.html

The German Medical Technology Industry: Stabilizing on Uncertain Ground

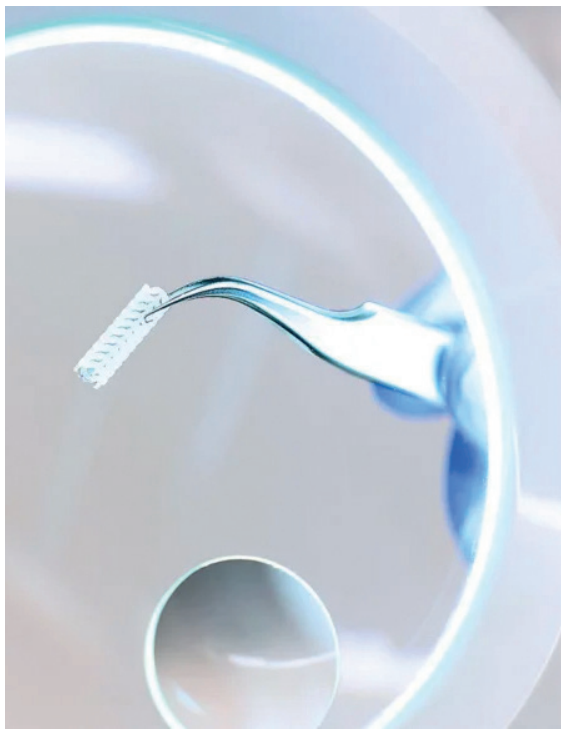
Few industrial sectors embody Germany's blend of engineering excellence, scientific rigour and international competitiveness as clearly as medical technology. For more than a century, German manufacturers have shaped medical progress worldwide, from early imaging systems to today's digitally enhanced diagnostics, surgical robotics and AI-enabled clinical tools. In 2024 and 2025 the industry once again demonstrated remarkable resilience: growing steadily despite global market turbulence, rising regulatory complexity, volatile supply chains and mounting geopolitical pressures, as the industry association SPECTARIS notes in its annual report (www.spectaris.de). At the same time, it faces one of the most challenging phases in its modern history – defined by new trade barriers, competing industrial strategies, raw-material dependencies and an accelerating shift towards localisation.

The sector guide of SPECTARIS describes the state of the German MedTech industry as it enters 2026: where it stands globally, what drives its strength, and which structural tensions increasingly shape its trajectory. It provides a sober assessment, but also a clear message: Germany's medical-technology ecosystem remains one of the world's strongest. Yet its future leadership will depend on political clarity, regulatory pragmatism and the ability of firms – especially SMEs – to adapt to a rapidly re-ordering global market. Some of the major topics of the report may help as an introduction to the sector´s status in Germany.

A strong but pressured export engine

MedTech is fundamentally an export-driven sector. In 2024, German manufacturers generated EUR 41.36 billion in turnover, with EUR 28.16 billion – over two-thirds – earned abroad. Roughly 40 percent of exports flowed to EU markets, 20 percent to North America and 15 percent to Asia. The United States remained the single largest destination, with imports valued at more than EUR 5.7 billion. Meanwhile, exports to China – which have long been a growth driver – fell sharply by 14 percent to around EUR 2 billion.

The global outlook remained uneven. While demand in India increased by almost 12 percent and the Middle



East recorded growth of 17 percent, China's more restrictive procurement policies and wider geopolitical frictions dampened market momentum. Even Africa, historically a smaller market, saw demand rise by 9.4 percent, suggesting that medical-technology needs are diversifying geographically.

Trade conflict, tariffs and policy

Despite this international success, external pressures intensified. Geopolitical tensions, new trade regulations and shifting industrial policies have raised the cost and complexity of operating globally. The triangle of the United States, the European Union and China – once the backbone of globalisation – has become a focal point of protectionist competition. For a sector that relies on stable frameworks, open markets and predictable procurement rules, this shift creates significant uncertainty.

A major turning point came with the sharp escalation of US tariffs in 2025. Under “Section 232,” Washington imposed duties on a wide range of medical and pharmaceutical goods – fields traditionally spared from trade conflict. MedTech firms were already strained by higher tariffs on steel and aluminium earlier in the year, which directly increased production costs. By late 2025, EU-manufactured medical devices exported to the US faced tariffs of 15 percent, while American exporters enjoyed tariff-free access to the EU market. Parallel increases in steel and aluminium tariffs to 50 percent further amplified cost pressures.

Export controls and raw materials ...

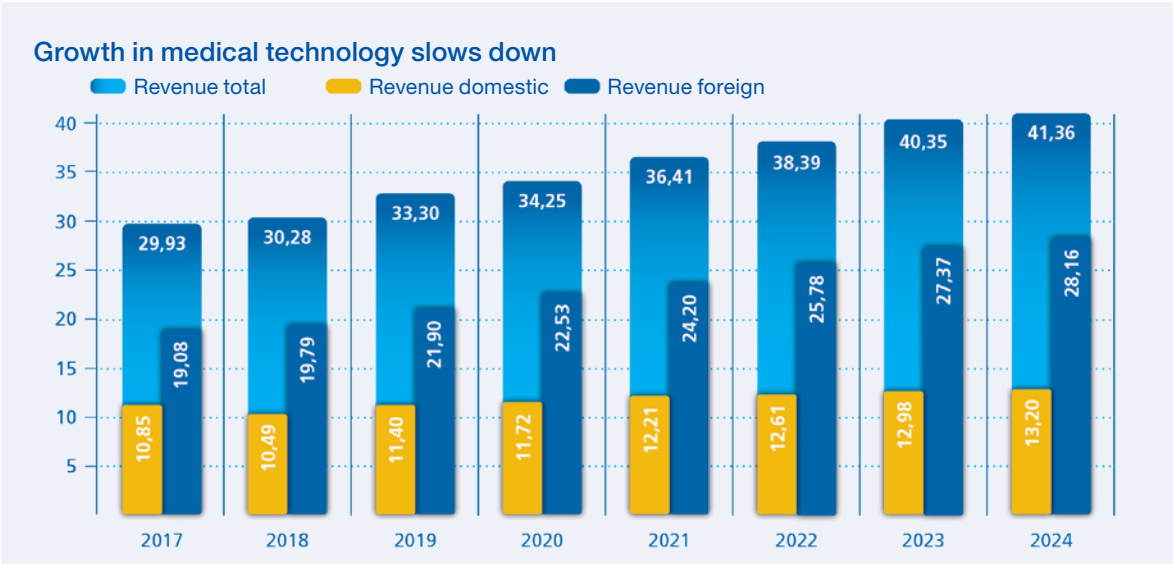
European and American industry associations jointly called for a return to the “zero-for-zero” principle, a long-standing agreement that ensured mutual tariff-free access for medical and pharmaceutical products. But for now, the principle remains suspended.

Strains also rose in EU-China relations. In mid-2025, the EU applied the International Procurement Instrument (IPI) for the first time, excluding Chinese suppliers from high-value tenders in Europe due to discriminatory procurement practices in China. Beijing responded in kind: EU companies were barred from tenders above EUR 5.3 million, and bids using more than 50 percent EU components were restricted. Only firms manufacturing locally in China remained exempt, effectively accelerating the global trend toward strategic localisation.

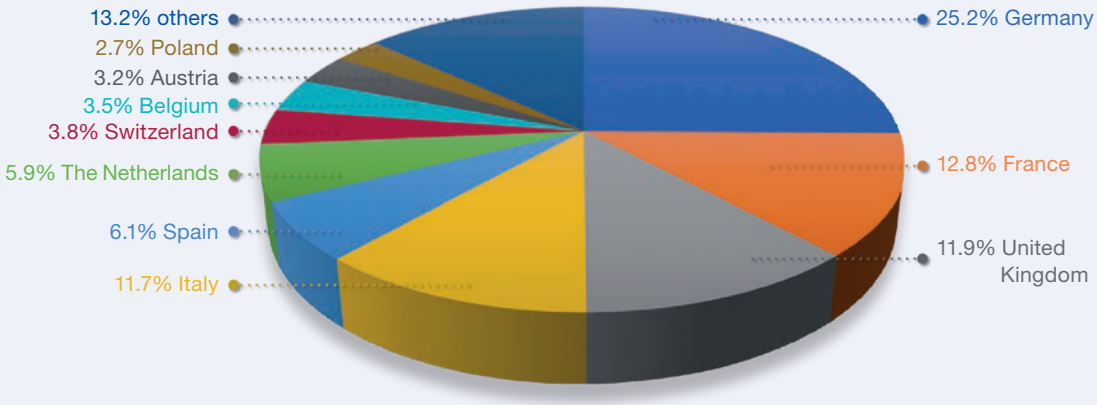
... leads to a new geopolitical fragility

Trade barriers are no longer limited to tariffs or procurement restrictions. In 2025, China introduced stringent export controls on seven critical rare-earth elements – materials indispensable for MRI systems, sensors, high-precision actuators and other core MedTech applications. As China dominates roughly 90 percent of processing capacity and the vast majority of global production, these controls rapidly affected Western manufacturers. Prices spiked across several metals, and approval procedures for shipments became increasingly unpredictable. For German MedTech firms, the episode highlighted a deeper dependency: without diversified raw-material supply chains, technological leadership itself becomes vulnerable.

At the same time, Russia-related export controls created additional complexity. A growing list of devices,



The European medical technology market by country



spare parts and components now requires individual export authorisation, even when used for humanitarian purposes. Processing times lengthened, and companies reported significant delays in servicing existing equipment in Russian hospitals.

Localisation as strategic imperative

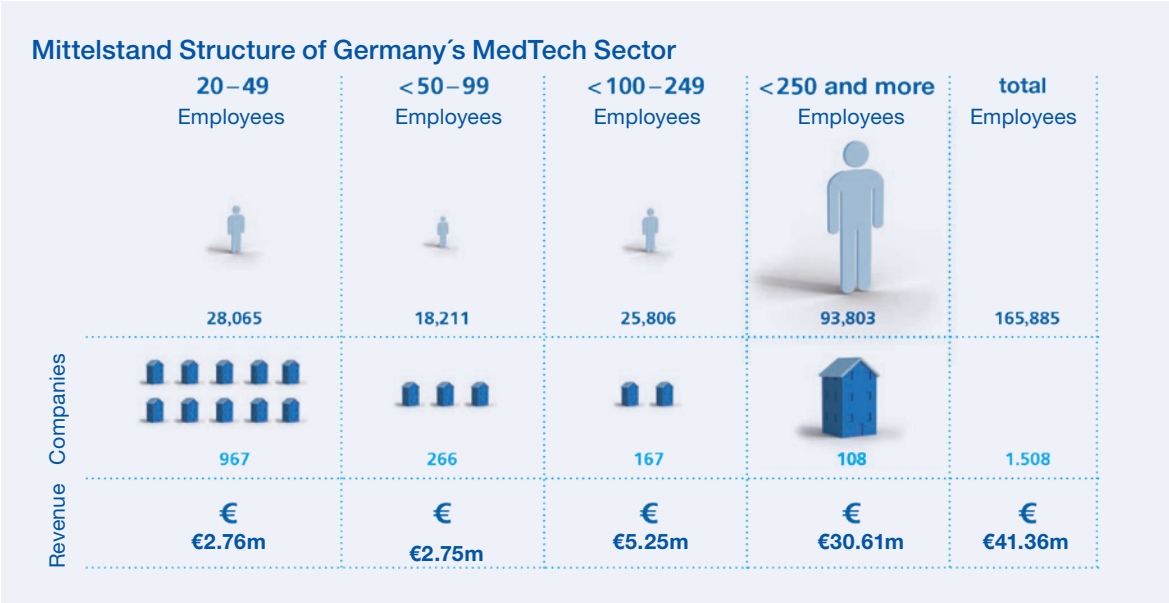
These pressures have accelerated a trend that was already visible: localisation as a core pillar of international strategy. China continues to leverage its "Made in China 2025" and "Dual Circulation" strategies to require deeper local value creation from foreign suppliers. India and Indonesia, meanwhile, actively position themselves as alternative manufacturing hubs. India, supported by a potential EU-India free-trade agreement, offers tariff reductions and improved regulatory frameworks. Indonesia's CEPA negotiations promise similar benefits, provided procurement restrictions – especially the e-catalogue system – are addressed.

For German manufacturers, establishing local production is no longer merely a cost-optimisation exercise. It is essential for preserving market access, controlling supply-chain risks and navigating compliance obligations. Firms now restructure their customs, export-control and logistics operations with a level of strategic attention once reserved for R&D and market development. Germany's MedTech industry remains one of the most innovative in the world. With a research intensity of around nine percent, the sector continuously delivers breakthrough technologies – from minimally invasive surgical systems to advanced digital diagnostics. The workforce expanded to nearly 166,000 employees in 2024, underlining robust domestic capabilities.

Innovation strength vs. regulatory pressure

Yet innovation is increasingly constrained by regulation. The European Medical Device Regulation (MDR) continues to impose burdens that disproportionately affect small and medium-sized enterprises, which form the backbone of the sector. Certification processes are slower and more expensive, delaying market entry.

At the same time, the proposed ban on PFAS and similar high-performance materials threatens entire product categories, many of which have no viable technical alternatives. For manufacturers, this combination of administrative pressure and material uncertainty has become one



of the greatest structural challenges: one that requires political action rather than industry adaptation alone. Despite these hurdles, global demand for medical technology remains on a long-term growth trajectory. The consulting firm Frost & Sullivan forecasts annual global growth of 7 to 8 percent in the coming years, driven by demographic ageing, rising chronic disease burdens, growing healthcare investment in emerging markets and the rapid maturation of digital health ecosystems. A study by the FutureManagementGroup places MedTech among the ten most promising sectors for Germany's economic future up to 2040, reinforcing its strategic importance for national competitiveness.

A sector grounded in Mittelstand strength

One of Germany's greatest advantages remains its industrial structure. Alongside global leaders, the country hosts a dense network of medium-sized manufacturers – complemented by more than 9,500 micro-enterprises specialising in components, software and niche technologies. This decentralised ecosystem fosters resilience, flexibility and innovation. It enables rapid adaptation to market shifts and encourages diversity in technological approaches.

Innovation evolves only with adaptation

Stagnation is not an option. New times call for new action. In response to global fragmentation, companies increasingly treat resilience not as a crisis measure but as a strategic capability. They diversify supply chains, invest in digital transparency tools, build regional production sites and integrate trade-compliance expertise into their core operations. But resilience also requires governmental support: modern free-trade agreements, export-promotion initiatives and regulatory reforms that protect innovation rather than hinder it. And Berlin is understanding. As part of Germany's Hightech Agenda, medical technology is moving centre stage. In late November, the Federal Ministry of Health convened its first cross-ministerial working group on MedTech and medical devices to develop a national strategy aimed at strengthening the industry and improving patient care. The process, supported by the Chancellery and involving all stakeholders, is expected to deliver a strategy paper for cabinet approval next year. *Georg Kääb*

Our Cooperation Partners

New business through innovation in Germany

Germany Trade & Invest (GTAI) is the international economic promotion agency of the Federal Republic of Germany. We provide German companies with a wide range of information and assistance to do business in markets abroad. We help international companies expand to Germany, strengthening the resilience of the German economy. Additionally, GTAI publicizes Germany as a business location in other countries and supports the internationalization of German regions undergoing structural change. We maintain a global presence and help bolster Germany as a business location in the long term with our expertise, services and assistance.

Understand Germany – for a successful investment

Germany is one of the most attractive business locations in the world. Here, investors will find an economic environment as stable as it is innovative. Germany Trade & Invest (GTAI) provides reliable and up-to-date information on all of the important questions concerning Germany as a business location.

Medical technology-specific information and support includes:

- Market research and industry reports
- Financing and incentives options
- Tax and legal information
- Regulatory and reimbursement information
- Matchmaking with industry and science
- Site selection

Readers of the Guide to German Medtech companies are invited to contact GTAI should they need any support on their way to becoming established in Germany. This publication is of great value to companies looking to find out who's who in the German medical technology sector as well as seeking partners in Germany. GTAI's expert team is ready to assist your search for joint-research and contract manufacturing-project candidates across the country.

Advantage Germany

German medical technology is cutting edge. Hundreds of companies – nearly all of them small or medium-sized – produce medical technology innovations across the entire spectrum of products. Many specialise in very specific fields of applications or types of products.

While these companies may focus on niche markets, they are often world market leaders in their respective fields. Moreover, they continuously strive to improve their existing products: one in three products on the market has been developed within the last three years, with companies investing around nine percent of turnover in R&D. Close cooperation between Germany's manufacturers and hospitals, universities and a plethora of research institutes helps the country maintain its internationally unparalleled competitive edge. R&D projects in the medical technology sector can also count on numerous types of financial support in the form of grants, interest-reduced loans, and special partnership programmes.

Germany is home to more than 30 medical technology cluster networks. Their goal is to achieve continuous innovation in R&D – as well as in manufacturing – by connecting companies, hospitals, universities, and other research institutions.

Dedicated cluster management teams help obtain funding for joint R&D projects, provide shared facilities, and organise educational training programmes for their members. A detailed overview of the cluster networks can be obtained from GTAI. Individual company requests are welcome.

GTAI GERMANY TRADE & INVEST

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HEALTH MADE IN GERMANY

Germany stands as a global leader in the provision and export of healthcare products and services. The country's innovative medical products consistently set international benchmarks for quality, safety, and reliability. German manufacturers and service providers across all health and life sciences sectors attract customers and partners worldwide, delivering leadership and innovation in healthcare.

To support this strong position, HEALTH MADE IN GERMANY is the official export initiative for the German healthcare industry. Established by the German Federal Ministry for Economic Affairs and Energy (BMWE), the initiative aims to promote the German healthcare sector internationally through networking and market insights. HEALTH MADE IN GERMANY helps international companies and organisations to easily connect with German partners and suppliers in the healthcare industry. The initiative focuses on four major sectors active in the global medical market: pharmaceuticals, medical technology, medical biotechnology and digital healthcare. It works closely with 16 German industry associations and is part of BMWE's MITTELSTAND GLOBAL umbrella programme supporting small and medium-sized enterprises.

HEALTH MADE IN GERMANY actively links international stakeholders to the German healthcare market by offering a wide range of services, including:

- We publish market briefs, detailed studies, and company directories across various sectors of the German healthcare industry – providing international companies with reliable, accessible information about the market and its key players.
- We offer free access to a comprehensive database of over 4,500 German healthcare companies, complete with detailed profiles and direct contacts, so international businesses can quickly identify potential suppliers and partners.
- We participate in leading healthcare trade fairs worldwide, organise networking events, and maintain continuous dialogue with international health policymakers.
- We regularly update a calendar featuring the latest industry events in Germany and abroad.

Explore opportunities within the German healthcare industry and learn more at:
www.health-made-in-germany.com

Our services help you find and connect with partners and suppliers across pharmaceuticals, medical technology, medical biotechnology, and digital healthcare. Contact us to discover how HEALTH MADE IN GERMANY can support your business goals.

HEALTH MADE IN GERMANY is implemented by Germany Trade & Invest, Germany's economic development agency, on behalf of the Federal Ministry for Economic Affairs and Energy (BMWE).

MITTELSTAND GLOBAL
HEALTH MADE IN GERMANY

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Picture: GTAI/Illing & Vossbeck Fotografie

MEDICAL TECHNOLOGY in the German Industry Association SPECTARIS

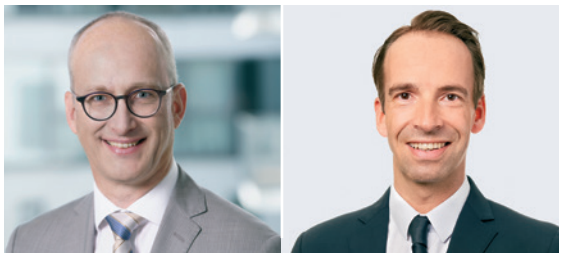
SPECTARIS represents the interests of around 400 member companies in Germany, with four sector-specific associations in the areas of medical technology, optical technologies, and analytical, biological, laboratory and consumer optics. Through its political activities, public relations, and industry marketing, the association gives its members a voice, formulates new responsibilities, and opens up new markets. This ensures the international competitiveness of German industry in these sectors.

Core services

Lobbying | Industry Marketing – SPECTARIS promotes industry interests through our communication channels in politics, economics, science, and the media.
Market Research | Statistics – SPECTARIS creates substantial economic advantages through its national, European, and global market reviews and industry data.
Technology Consultation | Research Promotion – SPECTARIS' technological guidance guarantees access to monetary support programmes.
International Marketing | Promotion of Exports – SPECTARIS offers guidance on the global market and supports its members in securing international contacts.

In the medical technologies sector, SPECTARIS represents around 130 German capital goods and auxiliary aid companies who mostly produce high-tech products and have a pronounced export orientation. The member companies cover an extensive research and applications environment which includes medical products for diagnostic and surgery purposes, supply systems, and anesthesia and intensive care devices. The association also represents manufacturers of ophthalmic devices, large and small sterilisers, medical functional room equipment, respiratory home therapy, rehabilitation aids, and orthopedic technology.

The SPECTARIS trade association Medical Technology provides its members with support and information in various business areas and topics. In particular: financing, hygiene and processing, compliance, regulatory affairs, market access, research funding, and public affairs.



Chairman: Dr. Martin Leonhard, KARL STORZ SE & Co. KG;
Vice-Deputy Speaker: Friedrich Schmitz, SCHMITZ medical GmbH

Global demand for German medical technology

- High significance of the European market: 40.0% of German medical technology exports go to countries within the European Union, a further 14.0% to the rest of Europe
- North America continues to be an important trade partner
- Demand is growing in Asia
- €41.4 billion turnover (2024), domestic turnover: €13.2 billion, overseas turnover: €28.2 billion
- European medical technology industry: >64,000 companies, €138 bn turnover, 550.000 employees

MEDICAL TECHNOLOGY in the German Industry Association SPECTARIS

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VDMA – HealthTech
Your network for success

With 3,600 members, the VDMA is the largest network organisation and an important voice for the machinery and equipment manufacturing industry in Europe and Germany. The association represents the common economic, technical and scientific interests of this unique and diverse industry. The companies employ around 3 million people in Europe, more than 1.2 million of them in Germany. Mechanical and plant engineering represents a European turnover volume of around 870 billion euros.

Production technology & components for medical products in focus

In the VDMA, the fusion of machinery engineering and health technology is manifold and offers tremendous potential for the future. The VDMA HealthTech represents suppliers, manufacturers of production equipment, and all industry sectors active in the interdisciplinary field of medical technology within a joint platform. The health technology sector is especially focused on pooling the heterogeneous interests of its members and providing an information platform for companies, offering the opportunity to share and access relevant information.

With its huge network, VDMA HealthTech is in a position to recommend experts and to assist its members with fundamental issues. It offers market information for German and foreign markets, a comprehensive list of suppliers for the industry, standardisation activities and representation of political interests. Regular expert meetings and working groups provide information on various topics, including laws and regulations, production technology, components, and markets.

The future of healthcare: Technology as a key driver

VDMA HealthTech addresses key challenges in healthcare, such as supply security, workforce shortages, and workplace attractiveness. Technological innovations like automation and AI alleviate pressure on professionals, enhance care quality, and increase efficiency. At the same time, VDMA HealthTech advocates regulatory simplifications, financial parity between humans and machines, and new funding models. By promoting clear standards and sustainable solutions, it supports the widespread adoption of modern technologies. Collaboration between industry, research, and policy makers is essential to achieving these goals and ensuring a future-proof healthcare system.

Another important part of our activities is substantially supporting medical technology events through content-related or strategic partnerships and participation in national and international trade fairs: as a key supporter of the medical technology fair MedtecLIVE, through joint stands at Compamed, Altenpflege and med.Logistica, as well as at four German pavilions in the USA (MD&M West), Singapore (Medical Manufacturing Asia), China (Medtec China) and Ireland (Medical Technology Ireland).

The latest initiative from VDMA HealthTech is the Smart Health Automation Summit. This event will bring together decision-makers, users, manufacturers, politicians and cost-bearers to discuss the potential and challenges of automation in healthcare. The conference will focus on automated systems, robotics and intelligent assistance technologies that are set to transform the future of healthcare.

VDMA
HealthTech

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→ www.vdma.eu/healthtech

Health Innovation Network at Bayern Innovativ GmbH (emerged from the Forum MedTech Pharma e.V.)

Medical technology is one of the strongest research and development sectors. The resulting innovations have the potential to sustainably improve healthcare. In Germany, Bayern Innovativ's Health Innovation Network is the leading platform for networking innovation-driving players from industry, science and medical users. The network operates not only within Bavaria, but also beyond the Bavarian borders.

Become an Active Partner in the Innovation Network

The Health Innovation Network at Bayern Innovativ is an independent, transdisciplinary network for innovations in the healthcare sector – including, in particular, healthcare and the industrial healthcare industry with the areas of medical technology, digital health and biotechnology/pharmaceuticals. The competencies of almost 200 partners from business, science, application and cost bearers are bundled here in an interdisciplinary innovation landscape and are in trustful exchange.

The Health Innovation Network

- identifies trends and picks up on trends and current topics along the entire value chain of the healthcare industry
- promotes cooperation
- initiates, supports and participates in projects

The Health Innovation Network acts as a dynamic driver of innovation, a source of inspiration and a reliable basis for networking, exchange, cooperation and knowledge transfer. In 2025 the focus of activites kann weg, falls es drinnen bleiben soll: In 2026 the focus of activities combine the relevant subjects of the industry. In addition, the aim is to create further synergies in the innovation landscape with other technology areas, to network intensively with them and thus to initiate and enable cross-industry innovations. The result is a strong market offering for the HEALTH ecosystem. Trend topics in the healthcare industry – such as digitalisation, artificial intelligence and robotics – can thus be explored in greater depth and new impetus for processes and products, as well as topics such as approval and reimbursement, can be provided to players in the industry.

The Health Innovation Network‘s activities focus on the following key topics:

Technologies

- Digitalisation & artificial intelligence
- Care technologies & assistive products
- Minimally invasive therapy & robotics
- Manufacturing & value creation
- Innovative development & mechatronics
- Sustainability
- 4P Medicine
- Biotechnology / Pharmaceuticals

Structure and Market Topics

- Innovation management
- R&E strategies
- Quality management
- Regulation & approval
- Market, reimbursement & financing
- Business models

In cooperation with Medical Valley, the Health Innovation Network of Bayern Innovativ also operates the Bavarian Medical Technology Cluster, which strengthens and promotes the location with various barrier-free formats.

bayern innovativ Gesundheit

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→ www.bayern-innovativ.de

IVAM – The International Microtechnology Business Network

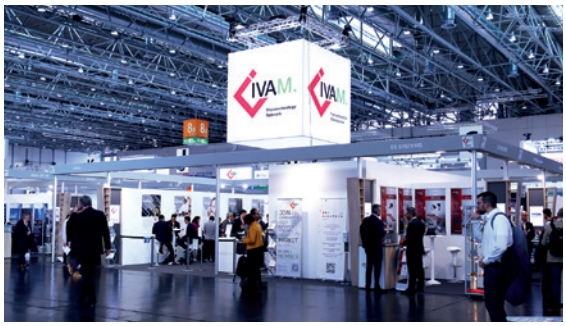
Climate crisis, pandemics, digitalization, collapse of the healthcare system or demographic change: No matter what challenges await us in the future – microtechnology is part of the answer!

The IVAM Microtechnology Network unites people who are excited about key enabling technologies and the way these technologies shape our daily life and our future. As an international business network and technology marketing expert, IVAM creates trustful international connections between developers, manufacturers, and users of high-tech products. The focus is on small and medium-sized enterprises and their needs as well as on representation of their interests. IVAM was founded in 1995 and is one of the most experienced and efficient high-tech industry networks in Germany.

Microtechnology is the driver of ever-accelerating change

Microtechnology and related key enabling technologies like MEMS, nanotechnology, photonics, and advanced materials have significantly accelerated innovation in the late 20th and early 21st century. These technologies have affected, improved, or fundamentally changed many areas of society, industry, and the economy – either by improving known products and processes or by triggering entirely new, previously unthought-of applications.

Many technologies that emerged in the 1990s, when IVAM started operating, have long since reached maturity. Consequently, technology suppliers today require support in marketing and finding customers. There is a growing need to access international markets. IVAM acts as a driver for innovation and offers well-founded orientation in the high-tech landscape and provides valuable know-how, e.g. through expert groups or studies on strategic questions concerning target markets, funding opportunities, application trends, or innovation management.



Business support worldwide

Medical technology has been the most profitable market for microtechnology suppliers in recent years. IVAM provides visibility to the technologies and products of its members: at international exhibitions and conferences as well as in virtual space via online meetings, online profiles, technical papers, blogs and podcasts, and other publications. Being found at the right time, in the right environment by the right customers: IVAM helps the sale of innovative high-tech products by supporting networking, contact building, and internationalisation, as well as supporting professionals on the career market.

IVAM has established joint trade fair areas at some of the most important medical supplier trade shows worldwide, such as COMPAMED (DE), MD&M West (US), Medical Manufacturing Asia, MMA, in Singapore, and China International Medical Equipment Fair, CMEF, (CN). In order to push business opportunities even further, IVAM arranges B2B meetings where innovative companies can exchange experience, discuss business ideas, and kick off joint projects.

IVAM.

For more information:
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→ www.ivam.com

MedicalMountains – a strong network for a successful future

Baden-Württemberg is one of the leading locations in the medical technology sector. Its attractiveness reaches far beyond the country's borders. The district of Tuttlingen alone counts a concentration of more than 400 enterprises of the sector. For this reason, the region is also known as the "World Centre of Medical Technology". For many years, tradition and innovation have gone global from here.

Nonetheless the strongly regulated market and an intensely competitive environment raise permanent challenges for the sector. That is why a well-focused management of continuous advancement and an innovative network are an indispensable basis for long-term global success.

Success factor innovation – ideas that build bridges to the future

We are MedicalMountains: A cluster initiative for the medtech industry based in the heart of the World Centre of Medical Technology.

Shareholders of the MedicalMountains GmbH are the Schwarzwald-Baar-Heuberg Chamber of Commerce and Industry, the Tuttlingen District, the NMI Natural and Medical Sciences Institute at the University of Tübingen, the Surgical Mechanics Guild Baden-Württemberg, the Hahn Schickard Society for Applied Research, the Chamber of Crafts Constance and the city of Tuttlingen.

Our particular interest is to strengthen innovative capacity and long-term competitiveness, both for single companies as well as for the entire medical technology business cluster.

For this purpose we actively represent the interests of medtech enterprises on a political level, encourage innovation and technology transfer by directing work groups or R&D projects, organise training seminars and other informative events, and provide support for other service topics such as internationalisation or common marketing activities, amongst others.

MedicalMountains – more than just a loose affiliation of companies

The companies of the cluster consist of more than 90% small businesses and mid-sized companies, making the importance of the network even more crucial now than ever before. The medical sector is experiencing constant change and increasing competition worldwide. For companies of any size, collaboration and exchange with regional partners brings immense knowledge and a lead in technology – as well as enhancing the appreciation of the location for the region itself. MedicalMountains brings order to this natural, mutual structure. Future-oriented, prudent management is the basis for effective, constructive and farsighted developments in medical technology.

In collaboration with a growing network of industry, research institutions and government policies, the cluster initiative MedicalMountains actively represents the interests of medtech enterprises. The focus of the cluster initiative is to promote growth, strengthen competitive advantages, and increase the sector's international visibility even further. For this purpose MedicalMountains provides a platform for regular dialogue and technology transfer. It brings forward innovation by initiating directed project works, promotes qualification of specialised staff, and advises on subsidies or the opening up of new foreign markets. Our way of working is based on a close collaboration with the companies of our network.

MedicalMountains

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CEO MedicalMountains GmbH

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Cluster of excellence – Medical Valley EMN

The Medical Valley European Metropolitan Region Nuremberg (EMN) Association is an internationally leading innovation ecosystem in the area of healthcare management. Highly specialised research institutions, international leaders, and many growing companies are active here. They cooperate closely with world-renowned health research institutions in order to jointly find solutions for the challenges of healthcare today and tomorrow. This extraordinary concentration of players, combined with the international market and competitive position of individual players, along with the unique infrastructures and services, allows ideas to be turned into products, processes, and services more quickly. The Medical Valley EMN currently has more than 260 members from business, science, healthcare, networks, and politics and has been contributing to the further development, coordination, and marketing of this ecosystem since 2007.

Selection of current projects:

Health Care BY Your Side

Health Care BY Your Side (HCBYS) is an initiative that complements the Telematics Infrastructure Model Region Franconia (TI-Modellregion Franken). The aim is to easily integrate digital applications into everyday healthcare in order to offer patients more efficient healthcare. Providers from medicine, care, therapy, and other areas are also to be supported in this. Initiated by the Bavarian State Ministry of Health, Care and Prevention (StMGP), HCBYS aims to present digital solutions to stakeholders in the healthcare system as well as citizens and familiarise them with their practical use.

The basis for this is an examination of the status quo: How familiar are all those involved with digital applications at present? Where are the associated opportunities already being put to good use? Where is there still room for improvement? What questions urgently need to be addressed?

HCBYS actively involves citizens and service providers in the digital transformation of outpatient and inpatient medical, nursing, and therapeutic care facilities. The aim is to establish needs-oriented, practicable, effective, and safe healthcare that focuses on people.

TI Model Region Franconia

In September 2023, Medical Valley, together with the consortium partners Bayern Innovativ Gesundheit and Monks – Ärzte im Netz, was awarded the contract by gematik GmbH to set up a telematics infrastructure (TI) model region in Franconia. The aim is to use TI applications and services that have already been rolled out, and those planned for the future, in day-to-day healthcare, in order to subsequently use the experience and knowledge gained there to improve the applications and services on the one hand, and to demonstrate how the applications and services can make an important contribution in a wide variety of healthcare scenarios on the other.

Medical Valley Healthcare Hackathon Bayern in Erlangen 2025

The Healthcare Hackathon Bavaria 2025 once more proved that Erlangen is a hub for digital health innovation, bringing together around 170 IT experts, healthcare professionals, students and founders. Over three days of intensive collaboration, interdisciplinary teams developed and presented forward-looking solutions addressing current challenges in healthcare, with a special focus on AI and the emerging field of Automotive Health.

After 48 hours of teamwork, innovative projects were showcased and awarded by a distinguished jury. Team SugarBeaters won first place in the AWS challenge with an AI-based approach to making complex health data more accessible and user-friendly. The hackathon once again demonstrated the power of interdisciplinary collaboration in driving innovation in healthcare and shaping solutions with real-world impact.

Don’t miss out on the Medical Valley Healthcare Hackathon Bayern 2026!

Contact for information:

MEDICAL VALLEY
Europäische Metropolregion Nürnberg

Medical Valley EMN e. V
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microTEC Südwest – Advancing Microsystems Technology for Medtech

microTEC Südwest strengthens the competitiveness of the Medtech industry by transferring microsystems technologies into safe, high-performance medical applications. Around 100 members from industry, research and academia use the cluster to accelerate innovation, develop new products and increase international visibility.

The cluster focuses on Smart Health and Smart Production. Companies benefit from access to expert knowledge, cross-sector collaboration and high-quality networking that supports technology transfer, regulatory readiness and market adoption.

Expert groups: Connecting knowledge and application

The expert groups bundle technological expertise and address key challenges at the intersection of Medtech and microsystems technology. Current topics discussed in recent meetings include:

- Digital Diagnostics and Artificial Intelligence in In-vitro-Diagnostics
- Microfluidics, Flexible Electronics and Manufacturing for Smart Implants and Medical Devices
- Cleaning, layer deposition, structurization and characterization of functional, biocompatible medical devices

Smart health and innovation transfer

microTEC Südwest supports the development of advanced diagnostic and therapeutic solutions, including miniaturized systems, point-of-care platforms, surface-engineered components and sensor-based medical devices. Close cooperation with leading research institutes strengthens innovation, safety and patient benefit.

Get involved

microTEC Südwest invites Medtech professionals to actively participate in our Expert Groups. The groups offer direct access to specialists, current research topics and collaboration options for companies and research institutions. If you are interested in contributing your expertise or joining upcoming sessions, please contact us.

More about our last sessions:
https://www.microtec-suedwest.de/fachgruppe-mikro-medizintechnik-oberflächen-2025

https://www.microtec-suedwest.de/ fachgruppe-ivd-2025

We also welcome you to join the annual microTEC Cluster Conference, where industry, research and policy stakeholders meet to discuss new developments in microsystems technology and Medtech.
www.microtec-suedwest.de/clusterkonferenz/

microTEC Südwest

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www.microtec-suedwest.de

Profiles of German Medtech Companies

ADAPT

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Email › adapt@adapt-localization.com
Website › www.adapt-localization.com
Founded (year) › 1999

ADAPT Localization Services – Your Partner for Multilingual Communication

Since the Medical Device Regulation (MDR) and the In Vitro Diagnostic Regulation (IVDR) entered into force, documentation and translation requirements for medical products have become significantly more stringent across the European Union.

As a consequence, regulatory authorities and Notified Bodies pay closer attention to how manufacturers manage their translation and content creation processes — including the qualification and certification of service providers and the robustness of their Quality Management Systems (QMS). Partnering with an ISO 13485-certified supplier is key for manufacturers to demonstrate conformity and simplify their compliance workflows.

About ADAPT

ADAPT Localization Services is a privately owned language service provider offering a comprehensive range of linguistic and technical services to support successful international market entry. Founded in 1999 and headquartered in Germany, ADAPT also operates offices in Sweden, Denmark, and Spain.

Our services include:

- Translation and Localisation – translation into all business languages, including software localisation and multilingual content adaptation.
- Technical Authoring and Editing – creation and structuring of technical and regulatory documentation.
- eLearning and Online Training Solutions – development and multilingual adaptation of digital training modules and compliance-related courses.
- UX Design and Information Architecture – design and structuring of user-centred, accessible, and compliant content across platforms and formats.
- Desktop Publishing and Multimedia Services – layout, graphics, and multimedia production, consistent across languages and media.
- Source Text Review and Optimisation – linguistic and structural optimisation to improve clarity, usability, and translatability.

Member of

bayern innovativ Gesundheit

Quality Management & Certifications

As a leading provider of language solutions for the medical technology and life sciences industries, quality, reliability, and regulatory compliance are at the core of our operations. Our Quality Management System is based on ISO 14971/FMEA risk analysis principles and certified under:

- ISO 13485 – Quality Management System for medical devices
- ISO 17100 – Translation services
- ISO 18587 – Post-editing of machine translation

Specialisation & Technology

ADAPT specialises in the medical and life science industries and related technology sectors. Within these areas, we provide services for all content types, including

- user interfaces
- user manuals & user assistance
- instructions for use & training guides
- multimedia & eLearning
- marketing materials
- regulatory documentation.

Our integrated approach enables clients to maintain consistency, usability, and compliance across all languages, media, and markets.

While human expertise remains the heart of what we do, technology plays a key supporting role. Our technical infrastructure includes advanced translation and localisation platforms, powerful, AI-enabled QA tools, and a secure, user-friendly customer portal for data exchange and project management.
With more than 25 years of experience, ISO-certified processes, and deep industry expertise, ADAPT is the trusted partner for manufacturers seeking precise, compliant, and effective multilingual communication.

AVIA BANTLEON
www.bantleon.de

Name ›	**Hermann Bantleon GmbH**
Address/P.O. Box ›	**Blaubeurer Straße 32**
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State ›	**Baden-Wuerttemberg**
Contact Person ›	**Rainer Janz**
Telephone ›	**+49-731-3990-0**
Email ›	**info@bantleon.de**
Website ›	**www.bantleon.de**
Social Media ›	
Number of Employees ›	**Ca. 260**
Founded (year) ›	**1918**
Areas of Activity ›	**We advise our customers on site and create individual concepts. Our offer covers the entire process chain of the metalworking industry: from machining the workpiece to cleaning and packaging.**
Annual Turnover ›	**ca. €132m**

Member of

MedicalMountains

"QUALITY STARTS WITH ME!"

With this motto, we have been writing success stories for over 100 years. As a traditional top company in the region, we and our customers' processes are always in motion. And if no suitable lubricant can be found, then we custom-make it ourselves!

We are Hermann Bantleon GmbH. The lubricant specialist from Ulm. A medium-sized company with approx. 250 employees. We advise our customers on site and create individual concepts. We have specialised in offering our customers holistic product and service concepts consisting of cooling lubricants, cleaning, and corrosion protection, as well as maintenance and care of the media used.

It is precisely this holistic approach that demands close dialogue with customers, opens the way to innovations, and makes Bantleon a flexible and high-performance partner to industry. In the company's own accredited laboratory, the specialists develop and analyse products with and for the customer.

Transparency and traceability, as well as complete documentation, reflect the reliability and high quality awareness of the Ulm-based development, production, and service company.

Cooling lubricant concepts for the medical industry

Today, medical technology primarily uses materials that are difficult to machine. In addition to medical steel, magnesium, and ceramics, these also include titanium and cobalt alloys. The advantages are primarily to be seen in their safe biocompatibility and high corrosion resistance.

Today, Bantleon offers a wide range of technologies in the field of water-miscible cooling lubricants, which have also proven their worth in the medical sector. Cooling lubricants with high reserve alkalinity enable very long service lives, even under adverse operating conditions. These technologies have proven their worth, for exam-

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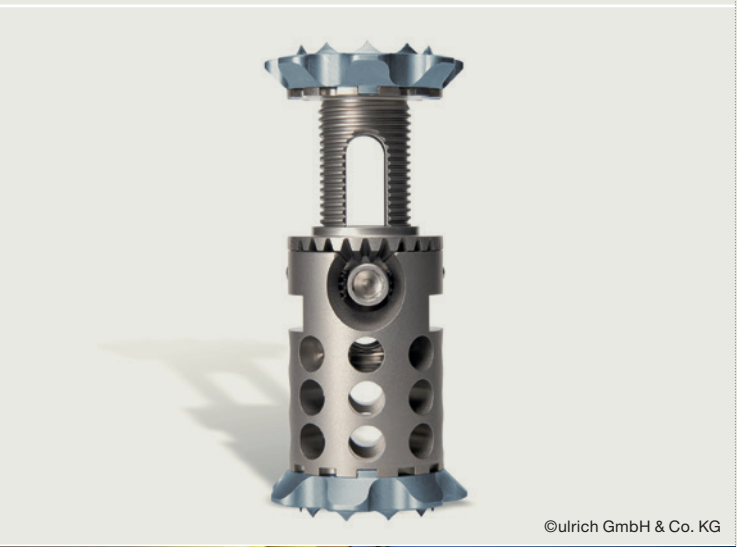

©ulrich GmbH & Co. KG

ple, in the machining of titanium, steel, and cast iron. In the field of light and non-ferrous metals manufacturing, technologies with moderate pH have proven their worth. Our many years of experience with boron-free and amine-free product strategies have been transferred here from development into reliable modern cooling lubricant solutions. In addition to application-specific cooling lubricant properties such as flushing and lubricating effects, foaming, and residue behaviour, technological suitability for the available water quality and the materials to be machined must also be considered. Skin compatibility is confirmed in Bantleon product development through dermatological testing.

As a partner to the medical industry, Bantleon naturally also offers lubricant solutions in the field of cutting and grinding oils, as well as minimum-quantity cooling lubricants. High performance, low consumption, good cleanability in the downstream process as well as low workplace pollution are relevant for the users.

The use of low-mist and low-evaporation base oils with very high lubricity have proven their worth here. Synergistically acting additive systems matched to the materials are an important success factor in the respective process.

In addition, Bantleon's specialists work closely with our customers to develop optimised cleaning and packaging solutions. All according to the motto: "Through this collaboration, we jointly develop fluid technology and coordinate the processes, with monitoring by our specialist laboratory and fully traceable quality. This ensures the best possible solution and guarantees a satisfied customer."

Certification status:
ISO 9001
ISO 14001
DIN EN ISO 21469
DIN EN ISO/IEC 17025

bürkert
FLUID CONTROL SYSTEMS

Name › **Bürkert Fluid Control Systems**

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Fax › **+49-7940-10-91204**
Email › **info@burkert.com**
Website › **www.burkert.com**
Social Media ›

Number of Employees › **More than 3,700**
Founded (year) › **1946**

Areas of Activity ›
- **Measuring, control and regulating systems for liquids and gases**
- **Components, customised systems, services and automation solutions**
- **Lab & analytical as well as medical & dental**
- **Solenoid valves, analytical valves, proportional valves and sensors**

Annual Turnover › **€667,3m (2024)**

Member of

VDMA HealthTech

We make ideas flow.

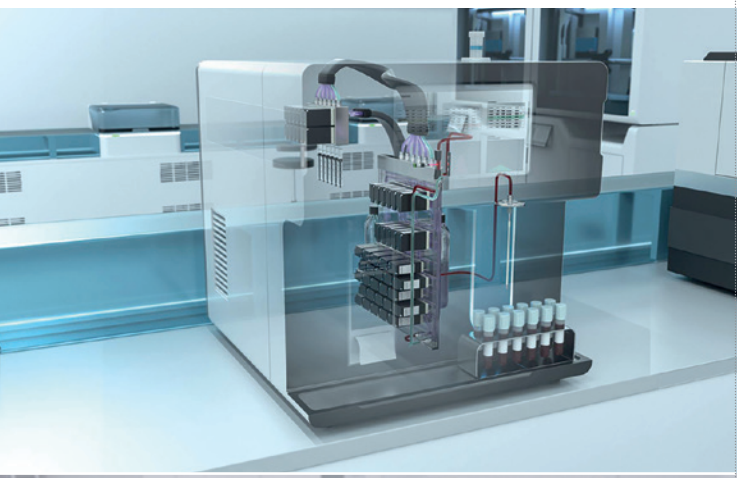
At Bürkert, everything revolves around fluids. Whether it's measuring, controlling or regulating – our fascination with everything that flows has driven Bürkert forward for eight decades. This passion is reflected in our continuous development of innovative products and tailored system solutions that are used in fluid technology applications the world over. We focus primarily on Lab & Analytical applications, the Food & Beverage and Pharma & Biotech industries, as well as on Hydrogen for the Energy sector. For these industries, we develop individual portfolios of components, system solutions and services (including digital services) that are precisely tailored to each of the various applications and requirements of our customers.

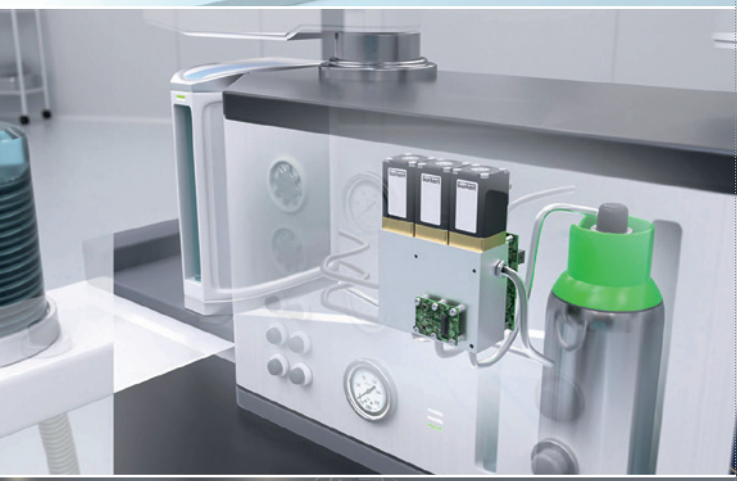
In vitro diagnostic: Precision, automation and increased throughput

The precision and accuracy of the analyses determine the diagnosis. At the same time, the speed and the space required for the device in the laboratory are essential for *in vitro* diagnostics due to the rapidly increasing need for tests.

Our systems are not just ideal for your applications for reasons of speed and compactness. Our extensive portfolio of media-separated valves has established itself as the benchmark in IVD fluidics over the past few decades. This makes Bürkert an experienced full-service provider in all processes of clinical diagnostics. In addition, we provide you with the documentation for our products and systems. Depending on the applicable medical regulations and guidelines, these can make it easier for you to apply for any approvals for your entire device.

More Information:
www.burkert.com/in-vitro-diagnostics





Ventilators: Reliable, precise gas control

If vital bodily functions, such as breathing, no longer work independently, patients are instructed to use ventilators. It can only be guaranteed that the patient is being supplied with sufficient oxygen when the device controls the supply of air and oxygen exactly. Adjustable gas concentrations are just as important as correct volume flow rates and pressure.

Collaboration with Bürkert will enable you to concentrate on user-friendliness and ventilation modes as a manufacturer. Our experts will support you with individual fluid technology in compact designs, solutions for mixing and controlling gases. Our experts rely on tried-and-tested, individually combinable standard components in compact designs for this work. By doing this, we then reduce development costs for your requirement profile. We also contribute our expertise in digital data acquisition and processing.

More Information:
www.burkert.com/respiratory

Dialysis: Highly integrated and cost-effective system solutions

As the prevalence of chronic kidney disease increases globally, so do the demands on modern dialysis devices: Patients expect functional reliability and comfort, the healthcare system increases cost pressures, manufacturers of dialysis devices strive to take advantage of market growth opportunities.

Bürkert is the ideal partner for the challenges involved in dialysis, thanks to its industry-specific portfolio covering all types of fluid handling (valves, sensors, pumps, controllers).
We offer you proven, innovative fluid systems that are also highly integrated and cost-effective – including multifunctional, compact application solutions to help you optimise and monitor processes, save space and increase functional reliability and operational safety.

More Information:
www.burkert.com/dialysis

CHIPS 4 LIGHT

Name › Chips 4 Light GmbH

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Telephone › +49-9404-641330
Email › Info@chips4light.com
Website › www.chips4light.com
Social Media ›
Number of Employees › >10
Founded (year) › 2010

Areas of Activity ›
- Industry: Position detection – encoders, sensors, light grids, safety barriers, distance measurement, triangulation, smoke detectors, mechanical engineering, robotics, gas analysis (CO_2, oxygen)
- Medicine: dental, lighting, endoscopy, microscopy
- ToFL, LiDar, logistics (self-propelled robots) also distance measurement
- Research / development, colleges, universities, institutes
- Agriculture, horticulture
- Aerospace: lighting (ambient), route signals, position detection
- Railroad and signaling technology: lighting (ambience), route signals, position detection
- Maritime: Lighting (ambience)
- Data communication
- Automotive: Lighting (ambience)
- Consumer, niche lighting applications, wearables, bio - home medical
- Research projects

Member of

IVAM.

LED chips custom measured for precise requirements

We supply and integrate our specific light sources according to your requirements – whether as a standard solution or as a customized project.

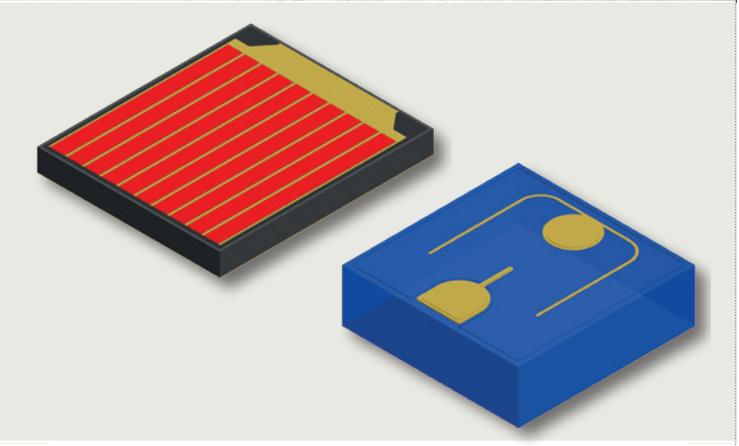
Chips 4 Light supports companies that need customized optoelectronic components in a desired quantity, with long-term availability and individual specifications.

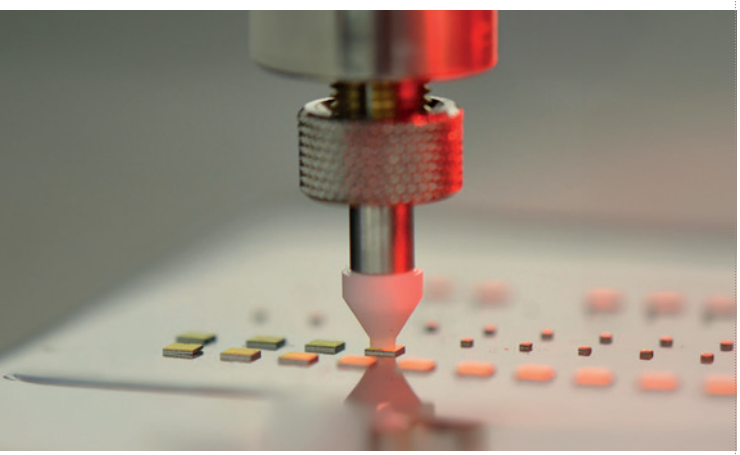
Our range includes high-quality LED chips, detector chips, LEDs and laser products across a broad spectrum in various performance classes from ultraviolet to infrared and also in white.

As extended services, we offer our customers the characterisation of laser diodes and the sorting of LED chips onto various carriers as well as long-term storage. Our products are particularly suitable for applications with a high demand for miniaturisation in sensor technology, industry, medicine and much more ... today and for tomorrow's innovations. Wherever optical precision plays a role, we have the right lighting solution for you.

Developers of, for instance, precision sensors or medical devices are often looking for components with special properties. These are not always available on the market. Specific conditions, such as limited space and high ambient temperatures, make it difficult to use standard LED components. Pure LED semiconductor chips, in contrast to larger packed LED components, are often the only way to meet the customer's requirements. Among other things, the bare die allows designs to be kept very small and to realize different functions on one board by combining several chip.

Chips 4 Light meets exactly these challenges with an extensive LED chip portfolio (synonymous LED bare dice or die). In addition to the opto semiconductor components, special high-tech equipment is needed to meet customer specific requirements. Chips 4 Light





has therefore also invested in “die sorters”, with which the single LED chip is sorted off the wafer and placed on different carriers as gel or waffle pack. In addition to the sorting service for small or sample quantities from the wafer, the company also offers its customers long-term storage of LED chips in waffle or gel packs.

LED chips can also be measured and sorted by individual optoelectronic parameters. The company also supports its customers in the production of prototypes.

Such precise work is delivered by the company not only in the LED and detector chips, but also for semiconductor laser diodes in the visible and infrared spectral range. A further service provided is the characterization of individual laser diodes according to specific performance parameters using a specially developed measuring station.

Thus, customers receive precisely measured laser diodes according to their desired specifications.

Key facts

- Distribution of high-quality optoelectronic components: LED chips, LEDs and modules, laser diodes, photo detectors
- Design, development of customized LEDs and LED modules, laser modules outside the market standards
- Prototypes and small series production
- Services such as LED chip sorting and placing on different carriers
- Long-term storage of LED chips
- Offering small and medium quantities
- Laser diode characterization according to customer needs
- We realize your lighting application with our specific optoelectronic light sources

We are writing the future of light together with our customers!

Name › Cicor Group

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Country › Switzerland
Telephone › +41-71-913-73-00
Email › info@cicor.com
Website › www.cicor.com
Social Media ›
Number of Employees › 4,600 worldwide
Founded (year) › 1966

Areas of Activity ›
- Engineering Services
- Electronic Manufacturing Services
- Precision Plastics
- Hybrid Circuits
- Printed Circuit Boards
- Printed Electronics
- Power Supply
- PCBA Prototyping Shop

Annual Turnover › CHF481m (2024)

We design and manufacture advanced electronic solutions that make the world a healthier, more connected and safer place.

Cicor is a global leader in the design and manufacturing of advanced electronic solutions. Serving the healthcare technology, industrial electronics and aerospace & defence sectors, our full-cycle approach combines engineering excellence with high-precision production to bring ideas to life. Together with our customers, we create electronics that make the world a healthier, more connected and safer place.

Smart Drug Delivery

The rapid growth of innovative therapies such as cell and gene treatments and RNA-based drugs brings with it a number of challenges. They range from limited administration options and poor drug stability requiring costly cold-chain logistics, to high development costs, market acceptance hurdles and complex regulatory approvals.

Cicor helps overcome these obstacles with a comprehensive, end-to-end manufacturing service. We support customers from the first samples and pilot runs to full serial production, not only in PCB manufacturing, PCB assembly but also in the integration of housings, cables and other key components. Our cleanroom facilities ensure compliance with stringent medical standards, while our integrated approach streamlines supply chains, accelerates time-to-market and guarantees consistent quality.

Implants

Implantable medical devices face demanding challenges, from biocompatibility and miniaturisation to long-term power management, secure wireless communication and strict regulatory requirements such as the MDR revision in Europe. Meeting expectations for safety, durability and data security further increases complexity.

Cicor addresses these needs with a multidisciplinary design team experienced in miniaturisation and active implantable medical devices (AIMDs). Our expertise in PCBs, microelectronic assembly and cleanroom manufacturing ensures the highest levels of precision,

safety and reliability. Customers also value Cicor's ability to manufacture Class III medical devices, making us a trusted long-term partner in this highly specialised field.

Hearing Aids & Other Medical Wearables

The hearing aid industry is a high-mix, low-volume market that requires exceptional precision, advanced technology and trusted partners. Key challenges include miniaturisation, long battery life, seamless wireless integration, acoustic performance, personalisation and strict regulatory requirements.

Cicor has been a proven partner in hearing aid manufacturing since 2005, offering a one-stop shop that spans the full value chain — from PCBs, hybrid circuits and PCBA to tooling, moulding, painting and final assembly. With precision equipment designed for high-mix, low-volume production and strategically located facilities in Europe and Asia, we help customers reduce lead times, optimise supply chains and ensure outstanding quality and cost efficiency.

Advanced Medical Devices

Manufacturers of advanced medical devices must balance miniaturised product design, long development cycles, regulatory compliance and intense price pressure, while relying on capable and stable partners. Cicor acts as a full-lifecycle partner, from concept and V&V to prototyping and serial production. With strong expertise in IEC 60601-x, EN 62304 and international regulations, we ensure compliance and efficiency. By leveraging larger facilities in Vietnam and Romania, we deliver cost-effective production without compromising quality.

Representative projects demonstrate Cicor's ability to retain technical know-how across changing development teams and deliver high-reliability devices that meet international safety standards, underlining our stability and long-term commitment.

Examples include defibrillators, image-based diagnostic systems, in vitro diagnostics, catheters, endoscopes and therapy devices, all requiring precision, regulatory compliance and long-term reliability.

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State › Bavaria
Contact Person › Marcel Lavèn
Telephone › +49-151-188-29-506
Email › Marcel.Laven@csagroup.org
Website › www.csagroup.org
Social Media ›
Number of Employees › ca. 2,000 worldwide
Founded (year) › 1919

Areas of Activity ›
- Product Testing Inspection and Certification
- Standards Development
- Global Market Access

About CSA Group

CSA Group is a global organisation dedicated to safety, social good, and sustainability. We are a leader in standards development and in the testing, inspection, and certification of products around the world including Canada, the U.S., Europe, and Asia.
Our areas of focus for testing, inspection, and certification services are the healthcare, industrial, home, and commercial industries.

Testing & certification services for the healthcare industry

Accredited as a National Certification Body (NCB) through the IECEE CB scheme and recognised by Authorities Having Jurisdiction (AHJ), we offer leading healthcare systems conformity assessment services, as well as testing and certification to leading international standards, such as IEC 60601-1, including the collateral standards and the applicable particular standards, and IEC 61010-1 with the applicable particular standards.

Our technical knowledge of medical electrical equipment and systems, and laboratory & measurement equipment, along with our knowledge of the compliance requirements in major world markets, work together to help you remove barriers to global market access.

CSA Group offers a comprehensive safety and compliance testing service offering. We offer testing and risk management evaluations throughout the product lifecycle and can offer tests for:

- Electrical safety
- Electromagnetic compatibility (EMC)
- Cybersecurity
- Interoperability
- Wireless applications
- Global market access
- Coexistence testing services

Member of

MedicalMountains

Medical electrical equipment and systems

Medical electrical equipment and systems offer invaluable benefits but can also present great health and privacy risks through flawed design or malfunction. The experts at CSA Group can help you identify and resolve risks so you can safely and confidently go to market.

We provide standards, testing, and certification for a wide array of medical electrical equipment and systems for:

- Patient Monitoring
- Diagnostic Imaging
- Medical Robotic

  etc.

and products such as:

- CT Scanners
- Incubators

  etc.

Laboratory & measurement

Take advantage of CSA Group's healthcare industry expertise to prepare your laboratory, control, and measurement equipment for the global market with fast and reliable services.

Laboratory and measurement equipment must meet demanding standards for precision and reliability. Trust CSA Group experts to help you identify and resolve flaws so you can confidently go to market.

We provide testing, certification, and standards solutions for a wide range of laboratory, control, and measurement equipment, such as:

- Centrifuges
- Autoclaves
- Mass Spectrometers
- In-vitro Diagnostic Equipment
- Multimeters

DC advisory
a Daiwa company

Name › **DC Advisory**

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Email › **enquiries@dcadvisory.com**
Website › **www.dcadvisory.com**
Social Media › in 𝕏
Number of Employees › **750+**
Founded (year) › **1902**

Areas of Activity › **DC Advisory's global Healthcare team has extensive experience across a broad range of healthcare sub-sectors, with a track record in delivering results for clients, anywhere in the world.**

Sub-sectors include:
- **Care & Services**
- **Healthcare IT & Supply Chain**
- **Medtech & Life Sciences**
- **Pharma**

DC Advisory is an international investment bank committed to making a difference. Part of Daiwa Securities Group Inc., we offer access to over 750 professionals in 24 locations throughout Asia, Europe, and the US. Across 11 industry-focused teams, we offer tailored, independent advice on M&A, debt raisings and restructurings, private capital markets, secondary advisory, and access to unrivaled Asia investment knowledge.

Globally, DC Advisory has completed 80 Healthcare transactions since 2020. Selected notable transactions include:

- Isto Biologics, a portfolio company of Thompson Street Capital Partnes, on its majority stake sale to Keensight Capital
- Savanne Life Sciences on its majority investment in Franklin Biolabs
- Arlington Capital Partners and Riverpoint on the acquisition of CP Medical
- Blackstone on its acquisition of I`rom Group Co. Ltd
- Näder Holding on its €1.1bn debt financing to support buyback of shares from EQT
- Eurazeo on the sale of Peters Surgical to Advanced Medical Solutions Group plc
- Altor Equity Partners on the acquisition of VTU Group
- c-Lecta on the sale of a majority stake to Kerry Group

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Social Media ›	
Number of Employees ›	300
Founded (year) ›	1948
Areas of Activity ›	I Medical Technology I Photonics I Laboratory I Health Care
External Collaborations ›	I Fraunhofer Institut I Medical Mountains

Member of

MedicalMountains

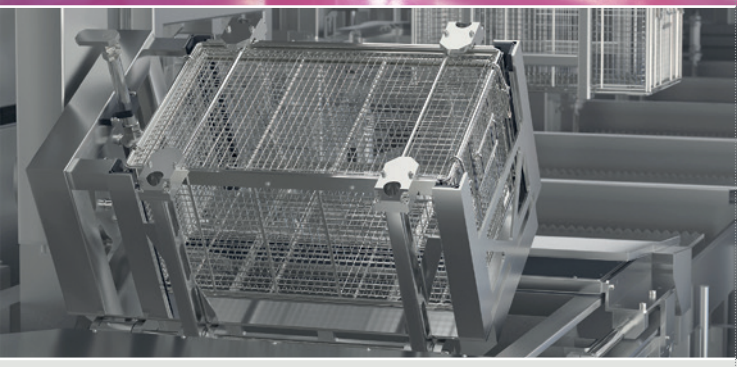
Elma – Leading in High-Precision Cleaning

Elma Schmidbauer GmbH is leading in the field of industrial high-precision cleaning of products during their production or processing. Our expertise in medical technology is based on ultrasonic cleaning processes and steam cleaning technology. Thanks to many years of experience, innovative research and development, as well as industry-specific know-how, Elma supplies cutting-edge technology for a wide variety of cleaning applications in the medical technology and health care sectors.

The Elma portfolio

The product portfolio ranges from ultrasonic and steam cleaning devices (also registered according to MDR (EU) 2017/745) to modular and customer-specific cleaning systems as well as suitable accessories. Our cleaning chemistry, developed in our own application laboratory and manufactured in-house, is perfectly matched to its cleaning tasks and thus solves even the most difficult challenges in pre-, intermediate, and final cleaning.

Highly qualified process engineers work together with our customers to develop individual process solutions for various cleaning tasks in our in-house process laboratory. This jointly developed cleaning process is basic to the design of the cleaning system. Tailor-made and depending on customer requirements, these cleaning system concepts also include calibration certificates, audit trail, bar code entry, and data logging. Of course, there are also individual accompanying documents such as FAT, HDS, SDS, FDS, IQ, and OQ for the qualification and validation of these cleaning systems.



ELMA SCHMIDBAUER

The Elma philosophy

Unconditional commitment to the highest quality standards is the foundation of Elma's company philosophy. The consistent development of core competencies, the constant striving for improvement, and the constant focus on high customer satisfaction reflect the very high quality standards of Elma. Therefore, Elma is certified by DQS according to DIN EN ISO 13485:2016.

100% family-owned, today Elma employs about 290 people at several operation sites. The family business was founded in 1948 in Singen as a precision machine factory and is now being run in the third generation.

FAULHABER

Name › FAULHABER Drive Systems

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Website › www.faulhaber.com
Social Media ›
Number of Employees › 2,000
Founded (year) › 1947

Areas of Activity ›
- Medical & Laboratory Equipment
- Optics & Photonics
- Robotics

Drive systems for laboratory automation

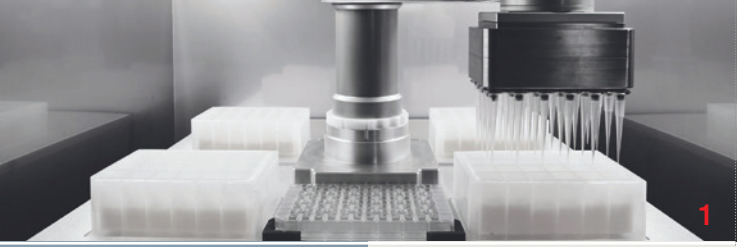
Over the years since the company's founding in 1947, drive specialist FAULHABER has repeatedly succeeded in using innovative products to develop new system solutions for a wide range of applications in many different markets. Laboratory automation and medical technology also benefit from the know-how that is today embedded into microdrives. In addition to the EN ISO 9001 and 14001 standards, FAULHABER is also specially certified for medical products according to EN ISO 13485.

Precision for cell analysis

A lot can be learned about the efficacy of new drugs already in the laboratory. This can be significantly accelerated with automated systems for precise cell analysis. (Image 1) The process involves cameras and pipettes, which are moved by brushless DC servomotors with an integrated Motion Controller. They position with micrometer accuracy, are very compact, and they also work very reliably. Their low weight and volume is another advantage in terms of use in laboratories. The brushless DC servomotors with 4-pole technology deliver high torques and smooth running characteristics as well as low noise levels. The dynamically balanced rotor provides quiet, cogging-free operation. And as the data is processed right on the motor, there are no radiated interference signals during commutation, which are inevitable with long supply lines.

Reliable pollen monitoring

Studies predict that up to 50% of the population will be affected by pollen in the future. Possible symptoms range from hay fever and headaches to shortness of breath or anaphylactic shock. This makes it increasingly important to know when and which pollen are in the air and in what concentration. The standard instrument for this in many European countries is the so-called Burkard trap, in which pollen is collected and counted manually. But automated systems that aspire air and extract the pollen on specimen carriers can deliver results much faster (image 2). So-called pushers then move the specimens under a microscope for analysis (image 3).


1


2


3

These pushers are powered by DC-micromotors, which are well suited for fast start-stop operations thanks to graphite commutation.

Robots taking over medical technology

Since the beginning of the coronavirus crisis, the pharmaceutical industry and laboratories have been under pressure to realise the highest possible levels of automation. Miniaturised linear motor modules and axes open up new possibilities (image 4). Designed as a modular system, they are suitable for a wide range of single and multi-axis tasks in laboratory automation and the pharmaceutical industry. They are driven by small DC linear motors. These are not designed as classic “surface rotors” with carriages and guides. Instead, the forcer rod is guided within a 3-phase self-supporting coil. This design produces an exceptionally good relationship between linear force and current and high dynamics. In addition, there are no cogging torques, which makes the linear motors suitable for use in fast linear axes.


4

Quick travel through laboratory

In modern laboratory operations, there is no way around the use of practical automation technology that relieves the employees from monotonous tasks and eliminates sources of errors. Fully automated sample distribution systems (image 5) ideally transport the samples directly to the corresponding analysis system and also handle other tasks: the route through the laboratory can be planned and optimised based on the identification of the sample after delivery, whereby many parameters can be taken into account, e.g., the type of container, the preparation, the filling level, and of course the sequence of the individual analysis steps. Brushless DC motors ensure that the sample transport systems accelerate, brake, or stop with pinpoint accuracy, e.g., in front of the analysis stations. They are designed for high reliability and a long service life; they can thus travel many kilometers in automatic distribution systems without wear being a concern. The same applies to motors that are used for pipetting, mixing, or stirring.


5

Name › **Gebr. Reinfurt GmbH & Co. KG**

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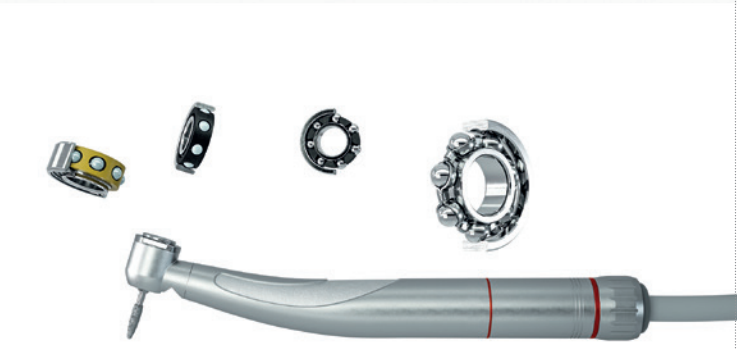
Website › **www.grw.de**
Social Media ›
Number of Employees › **500**
Founded (year) › **1942**

Areas of Activity › **Healthcare, Aerospace, Industry**

GRW is an internationally operating industrial company that has held a globally leading position in the development, production and marketing of highly precise miniature ball bearing solutions on the international market for more than 80 years. Our target is developing successful partnerships with our customers through excellent products and outstanding services. Continuous optimisation of our products and processes ensures growth and sustainable corporate success. The GRW group of companies with headquarters in Rimpar near Würzburg, an assembly site in Prachatice (Czech Republic), a sales branch in the USA and dedicated sales activities in Asia has more than 500 employees world-wide. Since 2015, we have been a full subsidiary of US Kaman Corporation and are integrated in the Aerospace – Speciality Bearings & Engineered Products division there. Since 2025, GRW has been part of the Arxis Group.

GRW is a global technology leader in the development and production of high-precision miniature ball bearing solutions. Our standard range includes radial deep groove ball bearings in many different versions with bores from 1 mm to 35 mm and outer diameters from 3 mm to 47 mm in metric and inch dimensions. GRW is certified by TÜV Süd according to EN 9100:2018. We produce bearing units and special ball bearings based on our construction kit system in addition to accessory parts with state-of-the-art production methods. Our customers value our high application know-how and direct dialogue. Based on short development times, they receive precisely fitted technical as well as economically attractive solutions. From individual system solutions to the smallest series, to standard applications with large numbers – GRW offers customers competent consulting, excellent engineering services and the shortest times to implementation for any application.

Member of



GRW Miniature Ball Bearings – High-Performance Solutions for the Healthcare Industry

Despite their compact dimensions, GRW miniature ball bearings play a critical role in modern medical and dental technology. Their precision, reliability, and durability contribute significantly to effective patient care and advanced treatment outcomes.

From devices operating inside the human body – such as micro blood pumps – to high-speed surgical instruments and external medical systems including respirators or prosthetic positioning units, GRW bearings are integrated across a wide range of clinical applications. Their performance helps ensure safe, efficient, and precise operation in environments where reliability is paramount.

Applications of GRW Ball Bearings in Medical Technology

- Micro blood pumps
- Surgical power tools
- Robot-assisted surgical systems
- Prosthetic and exoskeleton components
- Respiratory devices
- Diagnostic and analysis equipment
- Turbine and contra-angle dental handpieces
- Handpieces for implantology and craniofacial surgery

HealthCapital
BERLIN BRANDENBURG

Name › HealthCapital – Cluster Healthcare Industries Berlin-Brandenburg

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Social Media › in

Areas of Activity ›
- Technology transfer between science and industry
- International representation of the regional life science ecosystem
- Support for technology-orientated start-ups
- Funding support for innovative project concepts
- Providing and presenting regional life sciences information
- Building and coordinating scientific and interdisciplinary networks
- Establishing contacts among experts from all disciplines
- Organisation of events and networking platforms

External Collaborations ›
- Founding member of the Council of European Bioregions – CEBR
- Member and contact point in Berlin for the Enterprise Europe Network (EEN)
- Member of Global Health Hub Germany
- Associated Partner of the TEF Health consortium (Testing and Experimentation Facility for Health AI and Robotics)

Berlin-Brandenburg – A Leading Hub for Life Sciences and Healthcare

Berlin-Brandenburg is Europe's most dynamic life sciences region – a place where cutting-edge research meets clinical excellence, and where innovation is translated into real-world healthcare solutions. As Germany's health capital, the region combines political proximity, scientific leadership, and a thriving MedTech and digital health ecosystem. Its strength lies in the close collaboration between research institutions, hospitals, and industry – fostering innovation and growth.

Why Berlin-Brandenburg?

The capital region is more than a location – it's a dynamic launchpad for R&D and future innovations in medical technology, demonstrated by

- Top-tier research and clinical infrastructure
- Global MedTech players and high-growth start-ups
- Strong support ecosystem for innovation and internationalisation
- Excellent quality of life and talent attraction
- Commitment to sustainability in healthcare and production

MedTech Meets Innovation

Over 380 MedTech and digital health companies are in the German capital, and the number continues to grow. These include internationally recognised players such as:

Aignostics | BIOTRONIK | Berlin Heart | B. Braun | Caresyntax | CompuGroup Medical | Eckert & Ziegler | eemagine Medical Imaging Solutions | Hologic | Karl Storz | Novanta company W.O.M. WORLD OF MEDICINE | Ottobock | Zimmer Biomet

Their expertise spans surgical innovations, cardiovascular support systems, medical imaging, orthopaedics, neurotechnologies, implantable devices and more. Cross-sectoral strengths in optics/photonics, advanced materials, and industrial production further accelerate technology transfer and innovation.

Initiatives for Next-Generation Medical Technology

Berlin-Brandenburg is a frontrunner in AI and machine learning for health applications. Research institutions such as Charité, Berlin Institute of Health (BIH), BIFOLD, DFKI and HPI are driving breakthroughs in AI-powered diagnostics, robotics, and data-driven healthcare. The flagship initiative TEF-Health, an EU-wide consortium led by Charité, accelerates the validation and certification of AI and robotics in medical devices.

The region is also a hub for Additive Manufacturing (AM) as well as innovations in optics, photonics and quantum technologies. Initiatives and industry networks such as AMBER or Berlin Quantum position Berlin-Brandenburg as a future pioneer in these technological fields with great potential for HealthTech solutions.

Where Start-ups Meet Grown-ups

Berlin-Brandenburg offers a vibrant start-up ecosystem with a strong focus on MedTech and digital health. Young companies benefit from access to clinical partners and testbeds, a wide range of incubators and accelerators, a vibrant event scene with barcamps, hackathons, and industry meet-ups.
The region fosters collaboration between start-ups and established companies, enabling fast-track innovation and market access.

Internationalisation & Talent Attraction

Berlin-Brandenburg is a magnet for global professionals in medical technology and digital health. With over 40 universities and research institutions and three renowned university hospitals, the region offers a dense academic and R&D landscape. The vibrant international community is complemented by the talent and business immigration services provided by the economic development agencies of both states, supporting a smooth job entry for MedTech experts.

Meet us in 2026

DMEA, 21-23 April, Berlin
BIO-Europe, 9-11 November, Köln
MEDICA, 16-19 November, Düsseldorf

HEITEC

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Website › **www.heitec.de**
Social Media ›
Number of Employees › **1,200 in the HEITEC Group**
Founded (year) › **1984**

Areas of Activity › **Special machinery, electronics (design, production and enclosure systems), cybersecurity, software and hardware, test**

Annual Turnover › **€166m in 2024**

Member of

VDMA HealthTech · bayern innovativ Gesundheit · MEDICAL VALLEY Europäische Metropolregion Nürnberg

HEITEC offers high-quality, integrated and innovative solutions, products and services in automation, digitalisation, electronics, energy technology, software engineering and special machinery.

With cost-effective, end-to-end solutions and years of industry expertise, HEITEC supports over 2,000 customers to increase their productivity and optimise their products. With more than 1,200 employees at numerous locations in Germany and abroad, HEITEC guarantees customer proximity and industry expertise.

HEITEC – your partner for innovative medical solutions

Development, manufacturing and service expertise from a single source

HEITEC is a trusted leader in electronics, automation, digitalisation and special machine construction, delivering medical technology solutions that unite innovation with uncompromising quality and safety. Its Electronics Engineering and Manufacturing Services (E^2MS^2) cover hardware and software development, production and housing technology – all from one source. With a global footprint and proven expertise in certification processes, HEITEC enables customers to bring safe, reliable medical devices to market faster. Compliance with ISO 27001, ISO 13485, EN 60601-1, EN 62304 and GMP guidelines is standard. From defining system architecture and developing components to fully integrated systems, HEITEC offers end-to-end expertise including verification, validation, in-house review processes and documentation. Long-term product support, procurement management and aftermarket services ensure cost-efficient, sustainable and future-proof solutions across the entire lifecycle.

Customer success stories prove significant value

Fully integrated systems for groundbreaking neurostimulation therapy

An innovative regional company specialising in transcranial magnetic stimulators (TMS) partnered with HEITEC

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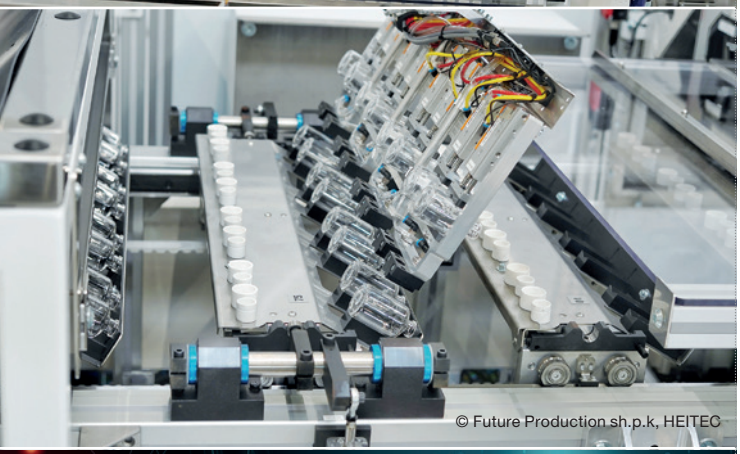
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to grow into a global player. HEITEC provided complete system integration tailored to specifications – from board assembly and housing integration to functionality testing and delivery of operational systems with multilingual manuals. The customer benefits from seamless procurement, long-term supply chain management and reproducible production processes with strict quality control adapted to international needs. Thanks to scalable production in Germany, the company can respond swiftly to fluctuating demand, volatile procurement conditions, regulatory changes or redesigns.

Modular handling machine for pharmaceutical vials

For a leading global pharmaceutical company, HEITEC developed and implemented a GMP-compliant handling system for medical vials. Integrated into an ISO 14644-1 Class 9 cleanroom, the solution meets the highest standards of safety and efficiency. Its compact, modular design enables flexible handling of different vial sizes. A key element was the use of a digital twin, allowing extensive testing of robotics and control systems prior to installation. The simulation accelerated realisation, reduced risks and ensures smooth adaptation to future demands. Today, the system operates reliably around the clock, with modular architecture and digital twin support guaranteeing long-term value and resilience in production.

Cybersecurity is mandatory

HEITEC embeds cybersecurity into every solution, ensuring compliance with NIS2, CRA, MDR and FDA regulations. With a secure-by-design approach, advanced threat modelling (STRIDE, EMB3D, PASTA, DREAD) and continuous updates, HEITEC safeguards infrastructures against manipulation, supply chain attacks and unauthorised access. Measures include encrypted protocols, firewalls, malware scanning and role-based access. Secure firmware design prevents tampering and strengthens resilience, while systematic risk analysis and lifecycle testing guarantee reliability. Customers benefit from future-proof systems backed by HEITEC's expertise and commitment to regulatory excellence, including adherence to IEC 81001-5-1, IEC 62304 and ISO 14971.

HOBE micro tools

Name › Hobe GmbH | micro tools

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Website › www.hobe-tools.de
Social Media › in
Number of Employees › 35
Founded (year) › 1971

Areas of Activity › | Micro Tooling
| Solid Carbide Tools

Member of

VDMA HealthTech

Boundless enthusiasm for inovation

At Hobe, innovation results from motivation. Our medium-sized enterprise is perfectly dimensioned to foster an effective innovation culture. Thus, every employee is encouraged to contribute creative ideas and new solutions. As a company, we regard our clients' complex demands as welcome challenges, which we meet by delivering seemingly impossible solutions.

Our goal: optimum machining solutions for all industries

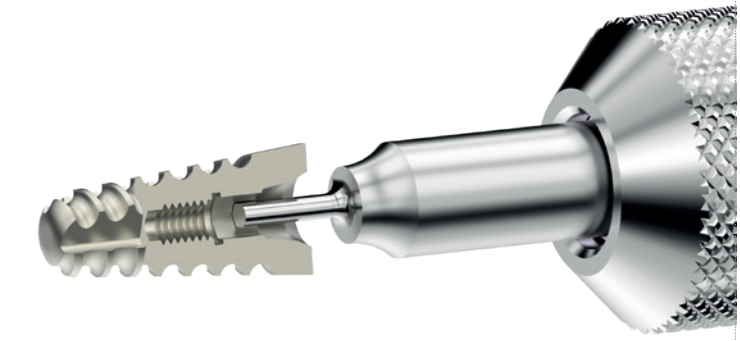
Hobe micro-tools are successfully in use worldwide, for example, in the manufacturing of medical instruments, precision mechanical tools, and electronic components. Whether as standard tools, special tools, or custom development: we offer the best machining solution for every industry and application. Our sophisticated tooling systems contribute to making our clients' production processes more efficient, with a convincing combination of innovation, product quality, and profitability.

Quality

We can thank our motivated, highly trained employees and their commitment to deliver our compelling product and service quality at all times to our clients. Accordingly, Hobe produces exclusively in Germany with development and and manufacturing all under one roof. All business processes are reviewed by a certified quality management system according to DIN EN ISO 9001 and are continuously improved. For us, quality means optimum product properties, tailor-made tool and process solutions, and a reasonable price-performance ratio.

Medical technology

The manufacture of medical devices and components requires extraordinarily powerful tool solutions. This is particularly true for materials that pose difficult machining requirements, such as titanium or stainless steel. And this is where Hobe's solid carbide micro-tools excel. Its exceptional performance guarantees the desired dimensional and shape accuracy, as well as surface quality, at all times.

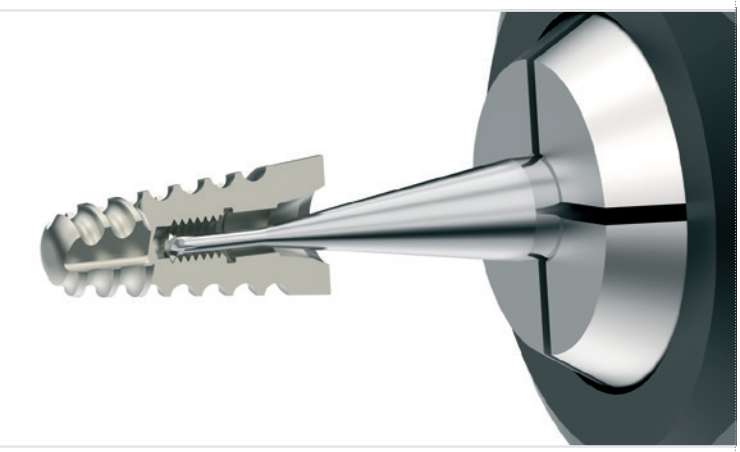


Furthermore, selected carbide grades with outstanding wear and flexural strength ensure a long tool life.

In medical technology, meeting manufacturing precision requirements presents increasingly complex challenges. Medical components are subject to progressive miniaturisation and sophistication. On the other hand, growing cost and time pressures make higher productivity a must.

Typical examples in this field are:
Pacemaker – internal shaping of electrode components
Resectoscope – tube fitting (e.g. internal shaping) and lens fitting (e.g. internal grooving)

Implantology



Human implants and prostheses require the highest quality standards. This is the only way to avoid health risks and achieve a long product life. Accordingly, extremely corrosion- and wear-resistant materials are used in the manufacture of medical devices. The Hobe micro tools range includes a wide range of SC high performance tools that are ideal for medical device production.

Hard-to-machine materials such as platinum, titanium, stainless steel, and special alloys present us with special challenges in tool development – which we gladly accept. Through intensive exchange with customers, we have in-depth process knowledge in the field of implant prosthetics and dental technology.

Characteristic examples for implantology include:
Dental Implant/Dorsal Stabilisation (pedicle screw) – internal shaping (e.g. thread whirling, processing of multi-edge profiles)

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Email › adhesivesystems@hoenle.com
Website › www.hoenle.com
Social Media › in
Number of Employees › ca. 100
Founded (year) › 1978

Areas of Activity › Manufacturer of medical grade adhesives and UV curing systems

New REACH-compliant and CMR-free Medical Grade adhesives

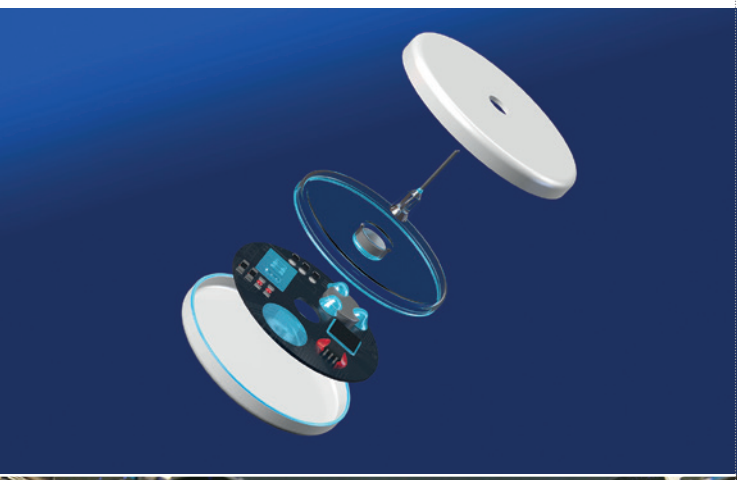
With an eye on the future, Hoenle Adhesives (formerly known as Panacol) has introduced a selection of advanced UV adhesives for medical device assembly, which are ECHA compliant under the most current REACH Regulation. Certified as TPO/CMR-free, these Hoenle medical-grade adhesives reduce chemical risks in the workplace and in the environment. They are perfectly suited for assembly of cannulae, breathing circuits, catheters, reservoirs, heat exchangers, blood collection sets, and diagnostic devices. These new adhesives pass biocompatibility test protocols of ISO 10993.

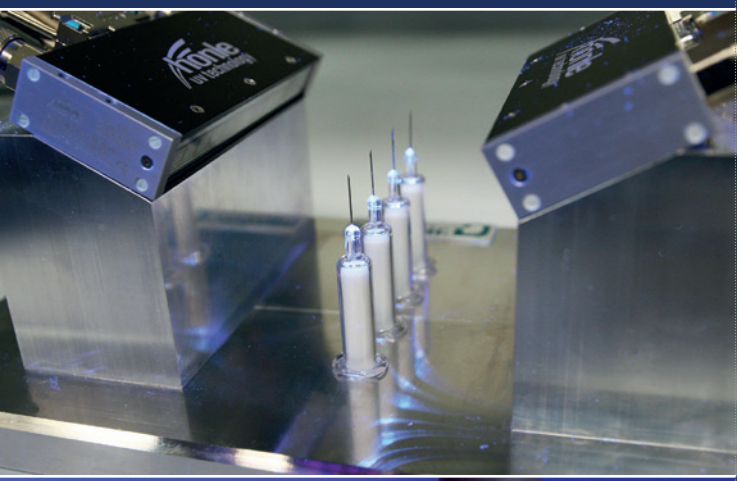
For the assembly of medical wearables, Hoenle Adhesives also developed medical grade UV adhesives that are CMR-Free and formulated without IBOA. IBOA is an adhesion-promoting monomer that has been linked to cases of human skin irritation. IBOA-free adhesives can reduce health risks for both device manufacturers and users of wearable devices.

Developing a new generation of medical adhesives with TPO/CMR-Free compositions was the primary goal for Hoenle Adhesives. It was anticipated that achieving this goal could result in a compromise of some adhesive properties, as CMR-free raw materials are more limited in availability. However, after extensive laboratory testing, it was found that most of the newly developed adhesives demonstrated equal or higher bond strength and resilience than the original products. New adhesives with twice the benefits!

For example, Hoenle's new Vitralit® E-7041 T is an excellent needle bonder and is TPO/CMR-free and IBOA-free. When compared with the original Vitralit® 7041 T adhesive, Vitralit® E-7041 T produced 100% greater bond strength in PP/stainless steel bonds and 9% greater bond strength in PC/PC bonds.

Another strong product for bonding glass syringes, Hoenle's Vitralit® E-4050, yielded a 320% increase in bond strength over the original Vitralit® 4050 adhesive





An orange fluorescing UV adhesive connecting tubes is cured with a Hoenle Bluepoint LED

in bonding glass with stainless steel. These improved adhesives are just two examples from Hoenle's new medical product portfolio.

Optimal curing in a medical devices assembly process can be achieved by pairing these new adhesives with Hoenle UV/LED curing systems. Whether the adhesive is cured manually or in an automated process, Hoenle has the best equipment for the application. Hoenle's broad portfolio includes compact LED Spot systems, high-intensity flood and focused beam arrays, UV chambers and conveyors. To maintain a controlled UV curing process, Hoenle provides UV measurement instruments including high-tech meters and sensors that can precisely measure light intensity and dosage.

In anticipation of EU-guided changes regarding allowed substances in our products, Hoenle decided to rigorously overhaul the current medical portfolio, aiming to make it future-proof. Besides just conforming with regulation, our longtime customers' own experience and feedback from the field leads to growing blacklists of undesirable substances. We are therefore happy to announce that our updated portfolio for the medtech industry offers TPO-free, IBOA-free and overall CMR-free products, all being based on high-rolling, long-running and well-established adhesives with proven quality in the market in various medical-related applications. This is paving the way to offer future-proof and sustainable adhesives with respect to current regulations and prospective changes. We are therefore confident that we can further provide adapted solutions and face the challenging requirements of the market in close collaboration with our customers.

About Hoenle Adhesives

Hoenle Adhesives GmbH (formerly Panacol), as part of the Hoenle Business Unit Adhesive Systems, is an internationally active manufacturer in the growth market for industrial adhesives with a broad product range from UV to structural and conductive adhesives. Together with its parent company Hoenle AG, the world's leading supplier of industrial UV technology, Hoenle Adhesives GmbH presents itself as a reliable system provider from bonding to curing of adhesives.

HUGO BECK

We package your world

Name › Hugo Beck Maschinenbau GmbH & Co. KG

Address/P.O. Box › Daimlerstr. 26-32
Postal Code/City › 72581 Dettingen/Erms
State › Baden-Wuerttemberg
Contact Person › Chris Stirnkorb
Telephone › +49-7123-7208-19
Email › stirnkorb@hugobeck.com
Website › www.hugobeck.com
Social Media ›

Number of Employees › 110
Founded (year) › 1955

Areas of Activity ›
- Flowpack machines for film and paper packaging
- Film and shrink packaging machinery (Form Fill and Seal)
- Paper packaging machinery
- Shrink tunnels
- Automation solutions, robots and handling systems

Complete solutions for horizontal packaging in film and paper

HUGO BECK is a world leading specialist in horizontal film packaging machines, flowpack and paper packaging machines as well as automation solutions with the range of 3,000 to 18,000 cycles/hour. We provide a complete range of machine solutions for flowpacks, poly bags, and shrink packs as both primary and secondary packaging.

Our latest paper packaging solutions underline our commitment to the continued development of innovative machine technology and sustainable packaging solutions to help meet environmental objectives. Whether maximising production efficiencies and replacing plastic films with paper or minimising packaging materials used, our team is on hand to highlight savings that can be effectively achieved in the production of film and paper bags and shrink packs.

High-grade customised installations

While relevant for all industries, HUGO BECK's customised film packaging and automation solutions are particularly significant for the pharmaceutical and medical technology sectors. The packaging systems used, most of which are designed as high-grade customer-specific installations, guarantee the greatest possible precision of reproduction; in other words, packaging ready for sale, right from the very first product onwards. And it goes without saying that we meet the highest requirements in terms of cleanroom hygiene, documentation, and safety, while on the systems side, we achieve absolute traceability throughout the process (Track & Trace). Upon request we provide our clients with validation, qualification, and GMP certification service.

As the trend towards automation continues to increase, HUGO BECK also uses robotic systems as part of the packaging line and integrates various handling systems.

Member of

VDMA HealthTech

Safe and hygienic, airtight, and high-barrier packaging

The combination of air-tight, high barrier packaging and flexibility across different product sizes and bundles, makes HUGO BECK's flowpack machines ideal for applications in this area. The equipment is designed to conform to the highest documentation and safety standards. In addition, by processing a range of substrate solutions, materials such as composite and barrier films of various thicknesses, polypropylene and polyethylene mono-material, as well as Tyvek® can all be used for flowrapped primary packaging.

With flowpack machines, it is also possible to switch to paper-based packaging with a minimal sealable coating, which means that the paper still remains recyclable.

Additional functionality, such as packing under modified atmosphere (MAP), automatic film-changing devices, or the dispensing of leaflet inserts are only a few examples of user-specified options.

Upon request, all HUGO BECK packaging machines are available in stainless steel or hygienic design to meet the stringent requirements for packaging in this sector.

As an alternative to flowpack machines, we offer film packaging machines for poly bags and shrink packs. Here, the focus is more on product protection and transport, implemented as primary or secondary packaging. All types of film can be processed, including PE/PO/PP mono-material and bio films.

Name › ITV Denkendorf Produktservice GmbH

Address/P.O. Box › Körschtalstr. 26
Postal Code/City › 73770 Denkendorf
State › Baden-Wuerttemberg
Contact Person › Dr Sven Oberhoffner
Telephone › +49-7119340-194
Fax › +49-711 9340-428
Email › info@itvp-denkendorf.de
Website › www.itvp-denkendorf.de/en/

Number of Employees › 40
Founded (year) › 2001

Areas of Activity › contract development and production of textile based medical implants and pre-products

Annual Turnover › ~ €7m

Member of

MedicalMountains

ITVP – Your expert for textile-based medical implants

Hardly anyone thinks of textile structures when it comes to medical implants. But we do! With passion, great expertise and the highest quality awareness, we carry out contract development and production of medical pre-products for our customers. Both certified according to ISO 13485 and in more than 1,200 m² clean rooms of ISO class 8. Our manufacturing and development expertise ranges from monomer and polymer design to the almost finished medical product, which only needs to be packaged, sterilised and marketed by our partners.

Products

Our expertise lies in the production of medical implants and their pre-products – along the entire development and production chain. Starting with the manufacture of monomers and polymers, followed by extrusion and advanced drawing technologies for fibre production, we offer nearly all textile technologies such as weaving, warp-knitting, and braiding.

Absorbable monomers:

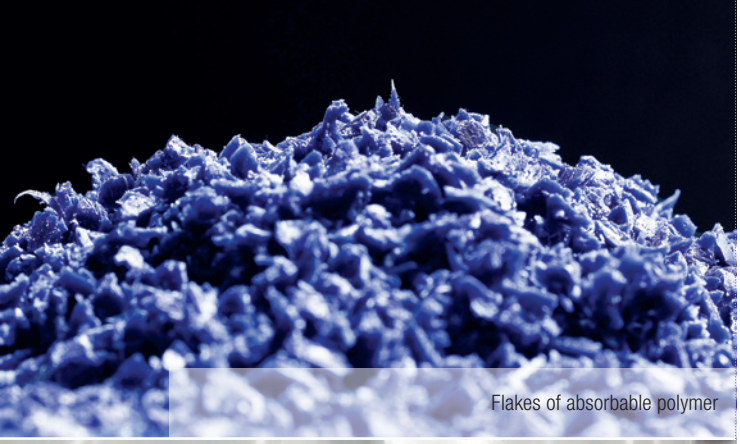
- Medical-grade glycolide monomer from glycolic acid

Absorbable polymers:

- Absorbable polymers that cover the entire degradation profile with focus on glycolide-based polymers (PGA, PGLA, PGA-TMC, PGA-CL) and long-term absorbable PCL
- Custom-made polymers can be based on glycolide, lactide, caprolactone or trimethylene carbonate as homopolymers, random or block copolymers

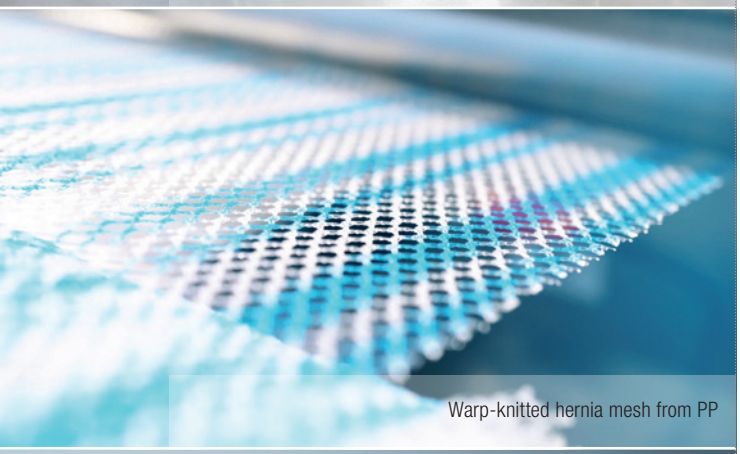
Multifilament Yarns:

- Non-absorbable PET yarns
- Absorbable yarns covering the entire degradation profile (e.g. PGA, PGLA, PCL, PLLA)



Flakes of absorbable polymer

Absorbable monofilament and suture manufacture



Warp-knitted hernia mesh from PP

Warp-knitted vascular prosthesis

Absorbable monofilaments:

- Monofilaments in a wide diameter range covering the entire degradation profile (e.g. PGLA, PDO, PCL, PLLA, PLGA and more)
- 3D printing monofilaments (1.75 mm) made of PCL and PDO

Barbed Suture:

- Unique barbed sutures using a special process covering the entire degradation profile out of PGA-CL (short-term), PDO (mid-term) or PCL (long-term)

Implants with textile structure:

- 2D and 3D warp-knitted meshes out of absorbable or non-absorbable filaments (e.g. PP, PGA, PDO)
- Warp-knitted and woven vascular prostheses
- Nonwovens (meltblown and needle felts)
- Tubular braided stents

In all technologies, we employ highly motivated experts with many years of experience, who know how to realise even the most complex requirements. Due to the close cooperation with DITF, Europe's largest textile research center, we are expanding our textile and biomedical competence to your advantage.

Contract development – Realising your ideas

With our wide range of technologies and expertise, we are happy to support you in implementing your ideas. Your advantage is that you receive all services from a single source, from the synthesis of the absorbable polymers and their processing to the final textile structure of the product. Our spectrum of services is complemented by in-house chemical, biological and physical testing laboratories, accredited according to ISO 17025.

KERN LIEBERS

Name › **KERN LIEBERS GmbH & Co. KG**

Address/P.O. Box › **Dr.-Kurt-Steim-Str. 35**
Postal Code/City › **78713 Schramberg**
State › **Baden-Wuerttemberg**
Contact Person › **Verena Grathwol**
Telephone › **+49-7422-511-535**
Email › **verena.grathwol@kern-liebers.com**
Website › **www.kern-liebers.com**

Number of Employees › **6,130**
Founded (year) › **1888**

Areas of Activity ›
- **Engineering Partner**
- **Global Manufacturer**
- **Smart Springs: Power Springs, Constant Force Springs, Spiral Springs, Wave Springs, Wire Springs**
- **Smart Parts: Precision Parts, Precision Formed Parts, Laser-Precision Parts**
- **Assemblies**
- **Guidewires**
- **Stone Extractor Baskets**
- **Automation**

Annual Turnover › **€729m**

Member of

VDMA HealthTech

KERN LIEBERS is a medium-sized family business headquartered in southwestern Germany. As the global market leader, we have been setting standards for over 135 years. Our Smart Springs and Smart Parts are intelligent functional components developed to meet the highest technical requirements and deliver maximum functionality. Each spring and each part not only fulfills a specific task – it also assumes responsibility for the functionality and reliability of the entire system. The KERN LIEBERS Group develops and manufactures Smart Springs and Smart Parts of the highest quality at over 40 locations worldwide.

Quality, precision and reliability are crucial in medical technology. KERN LIEBERS manufactures high-precision safety-relevant springs (Smart Springs), stamped parts (Smart Parts) and assemblies for demanding applications in the medical sector. From precision mechanical components for diagnostic and therapeutic devices to customised components for self-administration systems of medication.

Across the medical field, our components make the invisible work – they stay hidden, but never unnoticed where it matters. Proven performance, zero compromise.

INVISIBLE HEROES
Intelligent.Precise.Essential.

Our team of experts supports your individual product solution with innovative solutions and many years of experience, from the initial product idea to series production.

We are committed to advancing medical technology with safety-relevant metal precision components that enable innovation worldwide.

KERN LIEBERS is committed to sustainability worldwide. Whether as a member of the United Nations Global Compact, EcoVadis, the Carbon Disclosure Project or SBTi with validated targets.

Smart Springs – The essential component.

Our technical springs are precision-engineered, high-performance elements that go far beyond the simple function of a traditional spring. With intelligent design, customised material selection and seamless functional integration, they deliver exactly what your application requires.

Why ‘the’ spring – not just ‘a’ spring?

Our Smart Springs are the backbone of many complex technical systems. In countless applications, they do not just serve as passive components. They are key functional elements that define movement, safety, load-bearing capacity, and durability. With Smart Springs, we do not just provide a spring – we deliver the precise solution that powers your function. Smarter. More efficient. More reliable. The essential component.

Smart Parts: Precision meets intelligence.

Our Smart Parts are more than just components – they are intelligent, functional solutions engineered to meet the highest technical requirements and to ensure outstanding performance. Each part carries a specific mission and takes responsibility for the reliability of the entire system.

So, what makes our parts truly smart?

They are created from a deep understanding of forces, currents, tolerances and processes. Crafted with impeccable precision, these components seamlessly combine multiple mechanical, electrical, thermal, or structural functions in one. They connect, guide, hold, and secure – precisely where micrometers, milliseconds, and the smallest forces matter.

Assemblies: Everything fits together perfectly here

KERN LIEBERS offers you high-quality, high performance and economical assemblies made of plastic and metal with spring elements for various applications in a wide range of industries. On request, we can also combine our components with yours – for high-quality, customised system solutions.

KERN®

Name › **KERN & SOHN GmbH**

Address/P.O. Box › **Ziegelei 1**
Postal Code/City › **72336 Balingen**
State › **Baden-Wuerttemberg**
Contact Person › **Jobst Kamal**
Telephone › **+49-7433-9933-268**
Fax › **+49-7433-9933-146**
Email › **info@kern-sohn.com**
Website › **www.kern-sohn.com**
Social Media ›
Founded (year) › **1844**

Areas of Activity ›
- **Medical scales**
- **Height measuring systems**
- **Veterinary scales**
- **Organ scales**
- **Hand grip dynamometers**
- **Microscopes**
- **Microscope cameras**
- **Refractometers**
- **Laboratory balances**
- **Test weights**
- **Measuring instruments**
- **Calibration & verification services**

Member of

VDMA HealthTech

KERN – Your competent partner for medical scales for hospitals, clinics, retirement homes, health care facilities, and doctors' practices.

KERN & SOHN was founded in 1844 and is Germany's oldest precision balance manufacturer. Already in its 8th generation, the owner-managed company manufactures high-precision scales. By concentrating on quality and developing customer-oriented products, KERN is synonymous worldwide with quality, precision, service, and reliability.

Especially in the medical environment, scales are subject to extensive standards and regulations that serve to protect consumers and patients. Beyond these standards, our certified quality management system and our many intensively trained medical product consultants ensure fast and competent product advice on all aspects of medical weighing technology.

KERN & SOHN offers its partners a wide and competitive range of scales and size measuring rods with and without medical approval (93/42/EEC), e.g.

- Baby scales
- Personal scales
- Chair scales
- Wheelchair scales
- Handrail scales
- Bathroom scales and body fat scales
- Organ scales
- Laundry trolley scales
- Hand grip dynamometers
- Size measuring systems
- Veterinary scales

In the development of the medical scales and measuring instruments, attention was paid to materials that are easy and hygienic to clean. Special attention was paid to ergonomics to ensure maximum safety for the patient and maximum efficiency in operation for the user. All electronic scales can be operated by battery or rechargeable battery and are therefore independent of mains power. Thanks to the large number of models

MEASURING AND WEIGHING TECHNOLOGY

precise
reliable
hygienic

PROFESSIONAL MEASURING
SINCE 1844

with a wide variety of features, weighing and measuring data, interfaces, accessories, etc., the most diverse requirements and areas of application can be covered.

In addition, the weighing and measuring technology specialist offers a comprehensive programme of

- Microscopes
- Microscope cameras
- Refractometers
- Polarimeters
- Laboratory balances
- Industrial scales
- Measuring instruments in the fields of force, layer and material thickness, torque, and sound and light measurement technology
- OIML test weights
- Calibration services according to DAkkS, verification services

The trade customers and users of KERN products benefit from the many advantages on several levels:

- Enormously wide range of weighing technology, measuring technology, microscopes, refractometers, as well as calibration services, verification services
- Fast delivery by express parcel service
- Immediate purchase or convenient instalment financing
- 3-year warranty on high-quality medical scales, microscopes, analytical balances, laboratory balances, industrial scales
- Telephone hotline from 8:00 - 17:00 in the languages DE, EN, FR, IT, ES
- Catalogues and brochures in the languages DE, EN, FR, IT, ES
- Product information, technical data sheets, etc. on the website available 24/7 in the languages DE, EN, FR, IT, ES, PT, NL

Name › Waldemar Link GmbH & Co KG

Address/P.O. Box › Barkhausenweg 10
Postal Code/City › 22339 Hamburg
State › Hamburg
Contact Person › Helmut D. Link
Telephone › +49-40-53395-0
Email › info@link-ortho.com
Website › www.link-ortho.com
Number of Employees › approx. 1,300 (worldwide)
Founded (year) › 1948

Areas of Activity ›
- Medical devices
- Joint replacement
- Orthopaedic products

Waldemar Link GmbH & Co. KG

LINK is one of the world's leading manufacturers of implants for arthroplasty. Established by Waldemar Link in 1948 as a supplier to hospitals, the family-owned firm based in Hamburg has a clear mission – to improve quality of life for patients around the world by means of high-quality, innovative, and biocompatible joint prostheses. The company conducts its research, development, and production in Germany.

Full-service provider for arthroplasty

LINK is a successful full-service provider for bone and joint prostheses. Subsidiaries and distributors around the globe ensure that LINK's endoprostheses and know-how are made available to customers in the shortest possible time. In Europe, LINK is one of the market leaders in the premium segment; Double-digit growth rates are being achieved there, as well as in the important future market of the USA. An important focus of worldwide sales is to open up developing markets.

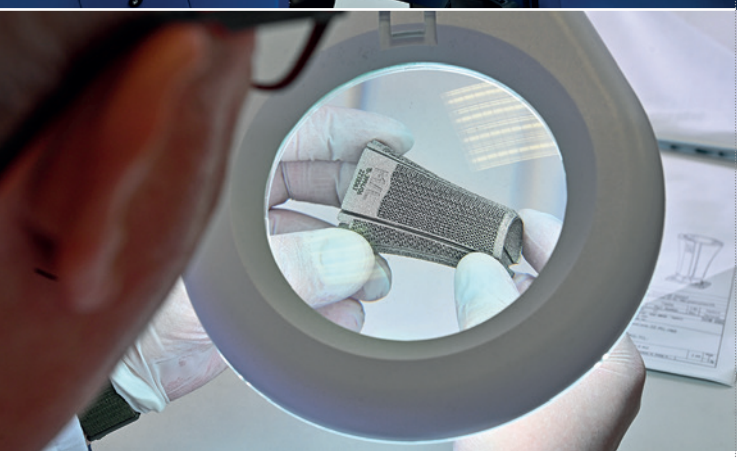
Pioneer and pacesetter in the field of arthroplasty

The history of Waldemar Link GmbH & Co. KG stretches back to 1948. Even in those days, company founder Waldemar Link's philosophy was: In order to deliver the highest quality, there cannot be any compromises, while new developments and progress have to serve physician, patient, and the company needs in equal measure. This firm conviction and the dedication of the staff at LINK, whose numbers are more than 1,300, have turned what was once a specialist supplier of hospital products into a pioneer and pacesetter in the field of bone and joint replacement. As early as 1963, LINK developed the first German total hip prosthesis, the St. George hip system. Ever since then, the company has placed emphasis on close cooperation with partners in medical practice in order to develop optimal solutions, while the LINKademy provides specialist training for surgeons, orthopaedists, and their surgical staff from orthopaedic hospitals around the world.

Member of

BVMed Enhancing Health

LIFE SCIENCE NORD



Problem-solver in revision and tumour surgery and in the development of patient-specific solutions

With the MEGASYSTEM-C, LINK is also recognised as a pioneer in revision and tumour surgery. Today, the company is regarded as a specialist and problem-solver for particularly complex cases. The MEGASYSTEM-C makes it possible to replace sections of bone in centimeter increments in a modular system. In addition, more than 40,000 patient-specific custom-made implants clearly demonstrate LINK's innovative strength and passion, from planning through to delivery. Top rankings in arthroplasty registries, such as the Swedish Hip Arthroplasty Register, confirm excellent long-term outcomes with LINK joint prostheses.

Uncompromising quality ensured by monitoring throughout the value chain

As a dynamically expanding company, LINK is constantly investing in the very latest technologies and production equipment. Continuous quality management begins at VACUCAST, the company's own precision-casting foundry in Berlin, where castings are made from cobalt-chrome and titanium alloys, and only ends in the main factory in Norderstedt with the finished product, as sterile packaged implant. In combination with high-quality surgical instruments, these implants fulfil the key success factors of modern arthroplasty: uncompromising product quality, biocompatibility, and longevity.

LINK invests heavily in research and development

With the objective of enabling even more people to lead a pain-free life with maximum freedom of movement in the future, LINK works continuously on optimisation in all areas of arthroplasty. As such, the company not only invests heavily in research into new materials, production techniques, and surface treatments, but also focuses specifically on the challenges of arthroplasty, such as infections, luxations, abrasion, and implant anchorage. In the course of research and development, LINK is working to find solutions to make joint prostheses even safer and more long-lasting.

Innovation in Miniature

LEE®

Name › THE LEE Company
Lee Hydraulische
Miniaturkomponenten GmbH

Address/P.O. Box › Am Limespark 2
Postal Code/City › 65843 Sulzbach am Taunus
State › Hesse
Contact Person › Jürgen Prochno
Telephone › +49-6196-77-369-0
Fax › +49-6196-77-369-69
Email › info@lee.de
Website › www.lee.de

Number of Employees › 1000/11
Founded (year) › 1948/1979

Areas of Activity ›
- Medical fluidic products
- Industrial fluidic products
- Healthcare devices
- IVD
- Medical technology
- Environmental monitoring
- Aerospace
- Automotive
- Oil & gas

Member of

IVAM.

Innovation in Miniature

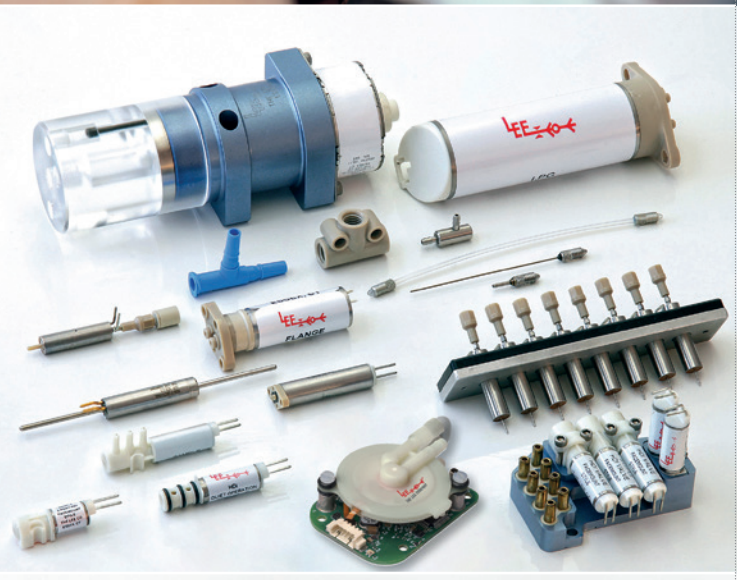
The Lee Company has been a leading developer and manufacturer of high-performance miniature fluid control components for more than 75 years. The company was founded in 1948 and has been active in medical and laboratory technology since the 1980s. The miniature components demonstrate their advantages in the precise dosing of liquids and gases, particularly in ventilators, patient simulators, dialysis or blood pressure monitors, and portable therapy devices.

The Lee Company has always developed valves and closure elements for the aerospace industry. The high quality and reliability standards they use in these applications also apply to their medical and lab products, like fast-acting valves and piezoelectric miniature pumps. At its headquarters in Westbrook, CT, USA, The Lee Company has specialised machines for manufacturing components down to a size of 2 mm. Development, testing and quality assurance are also carried out in-house. All components are 100% functionally tested.

Portable blood pressure monitors

For maximum patient comfort and everyday usability, portable all-in-one devices should be used for long-term blood pressure measurements. Conventional devices based on diaphragm pumps with long hose connections restrict patients too much with their weight and noise. The operating principle of LEE's miniature Disc Pump, on the other hand, is not based on the compression of air in a cavity. The pump, which is only about the size of a two-euro coin and weighs just a few grams, operates at a frequency of approximately 21 kHz.

This frequency is inaudible to the human ear and also ensures pulsation-free operation. As smart pump modules, they feature an integrated miniature controller that regulates the air flow with high precision without the need for complex and, above all, heavy valve and hose constructions. Nevertheless, power consumption is minimal at 1 W in continuous operation. The piezo drive of the pump enables response times in the millisecond range. This makes it possible to measure the oscillo-



metric signal while the cuff is being inflated. As a result, the cuff pressure does not have to exceed the systolic pressure significantly, which minimises the compression forces exerted on the patient and allows measurements to be taken more quickly.

Oxygen concentrator

The air we breathe consists mainly of nitrogen (78%) and oxygen (21%). The function of an oxygen concentrator is to produce enriched oxygen from the ambient air and deliver it to a patient who requires additional oxygen therapy. A compressor is used to force air through a series of filters or membranes, known as molecular screens, which remove nitrogen from the air and ultimately release high-dose oxygen. Solenoid valves are used in these devices to control the air flow, regulate the oxygen flow, and vent the oxygen tank when necessary.

Electro fluidic components

- Piezoelectric miniature pumps
- Control solenoid valves
- Dispensing solenoid valves
- Isolation solenoid valves
- Dispensing pumps
- Atomizing nozzles
- Dispensing nozzles

Assemblies

- Manifold capability
- Multi-layer manifold technique
- Integrated components
- Wide variety of material options & techniques
- MINSTAC fitting systems & components

Precision microhydraulics

- Check valves
- Pressure relief valves
- Flow control valves
- Precision orifices
- Vent valves
- Shuttle valves
- Safety screens
- Sealing plugs

Name › **Lumis International GmbH**

Address/P.O. Box › **Giesebrechtstrasse 15**
Postal Code/City › **10629 Berlin**
State › **Berlin**
Contact Person › **Heike Schön**
Telephone › **+49-30-235911-599**
Email › **info@lumisinternational.com**
Website › **www.lumisinternational.com**
Social Media ›
Number of Employees › **1-10**
Founded (year) › **2013/2020**

Areas of Activity ›
- **Clinical Outsourcing**
- **Vendor Oversight Management**
- **Quality Management as a Service**
- **Regulatory Consultancy for Medicines**
- **Regulatory Consulting for Medical Devices**
- **Legal and Data Representation**

Lumis International GmbH, founded in 2013, focuses on providing consulting to small and mid-sized medical technology companies for clinical trial outsourcing and regulatory activities.

Our services are divided into three pillars: regulatory services, quality management, and clinical trial oversight. Jointly with our customers, we develop tailored solutions to optimise their development programmes and market expansion.

Regulatory services

Due to the new Medical Device Regulation (EU) 2017/745 (MDR) and In Vitro Diagnostic Regulations (EU) 2017/746 (IVDR), medical technology companies must navigate increasingly complex regulatory requirements. Whether it's the impact of notified body availability, increased clinical evidence requirements, or changes to classification rules, the MDR and IVDR can prove challenging to manufacturers. Lumis has a network of experts, each with over 10 years' experience who can streamline your CE-mark process and bring your regulatory burden under control.

Medical technology companies can struggle to register their devices globally. Each market can have a different regulatory pathway, making global registrations complicated and burdensome. Some manufacturers rely on distributors for registering their products in local markets, however, this can limit distribution networks and commercial strategy. Therefore, Lumis can act as your global partner to register your device(s) in up to 18 different markets globally. Providing a seamless solution, independent from distributors, offers a feasible route for global expansion and long-term growth.

With our combined expertise in CE marking and global registrations, Lumis can simplify your regulatory pathways and empower your commercial strategy.

Outsourcing the conduct of clinical investigations is cost-effective and efficient.

Medical device companies are often facing the challenges of limited human resources. Thus, outsourcing of clinical trials is the common way to proceed with clinical development. The survival of such companies is frequently dependent on successful, timely completion of clinical trials at limited budgets. Efficiency in vendor management is crucial. The safety of patients and the quality of clinical data are paramount.

It is not easy for companies to decide on which activities to outsource, thus, each activity should be evaluated in advance.
At Lumis, we acknowledge the specific needs and priorities of medical device companies, while also reflecting their size, budget, and stage of product development. Our experts ensure the strategically selected CRO and vendors provide suitable services at the highest quality. We are specialised in outsourcing, vendor management, and oversight management, and have been building bridges between sponsors and CROs/vendors for over 20 years.

Applying Key Performance Indicators to reduce risks and measure performance of outsourced activities.

In compliance with the MDR guideline and the ISO standard for Good Clinical Practice (ISO 14155:2020), we support the development and implementation of effective risk-based management systems for sponsors to ensure efficient and active monitoring and evaluation of vendor performance, applying Key Performance Indicators to oversee the progress of clinical investigations. We optimise the interaction between sponsor, CROs, and vendors by mastering different corporate cultures, expectations, and effort.

MACHINES THAT THINK AHEAD.

MACK GROUP

Name › MackSmaTec GmbH

Address/P.O. Box › Sonnenacker 2
Postal Code/City › 99834 Gerstungen
State › Thuringia
Contact Person › David Reinmold
Telephone › +49-36925-929-340
Fax › +49-36925-929-111
Email › david.reinmold@macksmatec.de
Website › www.macksmatec.com
Social Media ›
Number of Employees › 380 worldwide
Founded (year) › 1991

Areas of Activity ›
- Assembly Systems & OEM
- Card & Passport Systems
- Digitalisation

Annual Turnover › €50m worldwide
Relevant R&D budget › 1%

External Collaborations › VDMA

Automated manufacturing solutions for medical technology

Medical technology has particularly high requirements in terms of quality, safety and traceability. Production systems must not only be efficient, but above all reproducible and stable – over thousands of cycles.

MackSmaTec develops and implements automation solutions that meet these requirements and are also geared towards efficiency and flexibility. Our systems are suitable for the manufacture of disposable products as well as for complex assemblies in which a wide variety of processes interact precisely.

Production reliability through quality and expertise

When developing our systems, we focus on reliable, stable and low-maintenance production. The systems are tailored to the customer's specific framework conditions – for example with regard to cycle times, process variants or hygiene standards – and undergo extensive testing and approval phases.

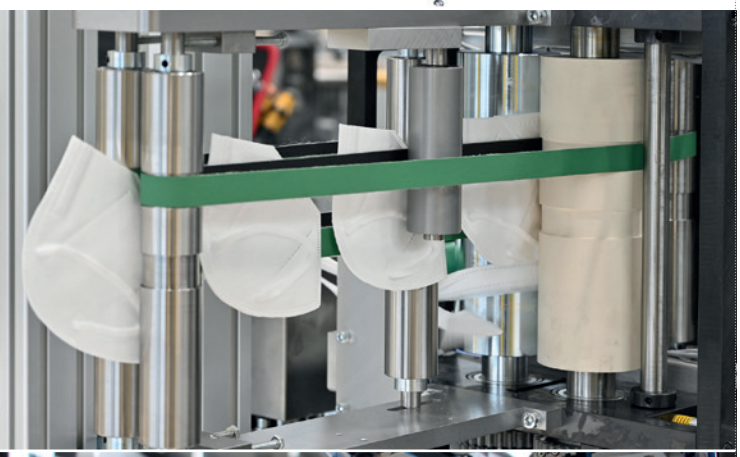
We also take into account all aspects relevant to subsequent validation as early as the concept phase. This includes documentation in accordance with GAMP 5, risk-based test concepts and clearly defined interfaces to the customer's IT and quality systems.

Areas of Application and Processes

Whether cleanroom production, GMP-compliant production or inline-capable testing processes – MackSmaTec supplies system solutions that offer maximum process reliability and meet the regulatory requirements of the industry.

Member of

VDMA HealthTech



Typical applications:

- Assembly of medical components (e.g. filters, syringes, valves)
- Handling of sensitive or sterile components
- Packaging and labelling
- Automated tray systems for product transport
- Inspection technology such as camera inspection, leak testing and functional testing
- Integration of laser marking for traceability

Automation systems from MackSmaTec – individual, flexible and reliable

Thanks to the wide range of solutions that can be implemented with our automated systems, we can respond individually to our customers' requirements. As a global partner, we are particularly flexible in all services from conception and implementation to construction and on-site and virtual service.

Smart mechanical engineering with tradition

As a long-standing specialist in the field of "smart mechanical engineering", MackSmaTec offers you individually tailored and standardised machine solutions. Our aim is to provide you with precise tools worldwide with which you can sustainably increase your company's success.

MackSmaTec offers customer-specific, unique special solutions as well as standardised, turnkey complete solutions and systems. These are used, for example, in the automotive and electronics industries, in the medical and packaging sectors and in the production and personalisation of ID and chip cards and passports.

magnosco

Name › **Magnosco GmbH**

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Postal Code/City › **12489 Berlin**
State › **Berlin**
Contact Person › **Dr.-Ing. Sebastian Ahlberg**
Telephone › **+49-30-912-075-352**
Email › **info@magnosco.com**
Website › **www.magnosco.com**
Social Media › **in**
Number of Employees › **25**
Founded (year) › **2004**

Areas of Activity › **Hardware and AI for Skin Cancer Detection**

We shape the future of dermatoscopic diagnostics

Magnosco aims to support dermatology and revolutionise skin cancer diagnostics with its non-invasive and user-friendly solutions. Since 2014, Magnosco has been synonymous with technological innovation in this field. As a MedTech start-up based in Berlin-Adlershof, Magnosco combines user-centred product development, AI-supported analysis and scientific research to create smart solutions for dermatology.

Magnosco has developed an advanced system that supports dermatologists and medical professionals in diagnosing skin cancer. This system comprises the award-winning Magnos® digital dermatoscope, the supporting Magnos-App, and unique AI technology.

Magnos®

The Magnos® is an ultramodern dermatoscope that sets new standards in design, ergonomics and technology. Designed for everyday medical use, it enables precise digital skin analysis with ease and on the go.

It combines powerful hardware with a sophisticated operating concept. Two multi-touch displays, intuitive controls and up to 20x magnification ensure the clear visualisation of even the smallest diagnostically relevant skin features. Optimised for practice workflows, this CE-certified (Class I) medical device is fast and enables Wi-Fi connection for secure image transmission.

With the Magnos®, users can keep pace with the digitalisation of dermatology and stay up to date with the latest technology. Regular software updates ensure the system is continuously improved and expanded, providing future-proof, efficient skin diagnostics.

Whether in specialist dermatological practices or clinics, the Magnos® adapts flexibly to a wide range of applications and is ideal for use in dermatoscopy, general medicine and skin cancer centres.

It is not just a portable dermatoscope; it is also a gateway to smart, digital diagnostic solutions. Together with the Magnos-App and future-oriented AI, Magnosco is creating a product landscape that is making skin cancer diagnostics smarter and more effective.

“idea” – interactive dermatoscopic examination assistant

Worlds first transparent AI for dermatoscopy: idea is Magnosco’s new AI-powered software solution for the structured assessment of skin lesions. Designed to support healthcare professionals in the early detection, diagnosis and monitoring of skin cancer, it provides targeted assistance.

Unlike traditional black-box AI systems, idea clearly shows which characteristics led to the assessment. Each analysis is based on medically recognised criteria, such as colour, shape and dermatoscopic features. These characteristics can be analysed or adjusted by specialists at any time.

Advantages:

- Structured skin analysis based on dermatologically proven criteria
- Explicable results presented in a visually comprehensible manner
- Medical control through interactive adjustment
- Real-time evaluation directly during the treatment process
- GDPR-compliant local storage

idea combines modern AI algorithms with recognised methods of dermatoscopy. The software analyses digital images of skin lesions in seconds and suggests indications for conspicuous features. This assessment is documented in a comprehensible manner and can be complemented or adjusted by medical staff, who do not receive a final diagnosis but rather structured recommendations for medical decision-making. It is versatile and supports both practical work and training/further education. The visual presentation also facilitates communication with patients.

mayr®

your reliable partner

Name › **mayr® power transmission**

Address/P.O. Box › **Eichenstrasse 1**
Postal Code/City › **87665 Mauerstetten**
State › **Bavaria**
Contact Person › **Bernd Kees**
Telephone › **+49-8341-804-2607**
Fax › **+49-8341-804-492607**
Email › **bernd.kees@mayr.de**
Website › **www.mayr.com**
Social Media ›
Number of Employees › **1,350**
Founded (year) › **1897**

Areas of Activity ›
- **Electromagnetic ROBA-stop® safety brakes for the holding, positioning, and securing of medical devices and furnishings such as surgery-supporting robots, X-ray devices, tomography beds, electric wheelchairs, surgical microscope stands, etc.**
- **Load-disconnecting EAS® torque limiters in medical devices such as tomography beds, etc.**
- **Electromagnetic, energise to engage ROBA® quick brakes, for example in therapy devices for muscle build-up**
- **tendo® DC motors, for example in devices used to look at X-ray images**

External Collaborations › **VDMA Arbeitsgemeinschaft (German Engineering Federation) for medical technology**

Member of

VDMA HealthTech

Safety does not allow for compromises

mayr® is an internationally-leading company for mechanical power transmission. Every day, clutches, couplings, and brakes made in the Allgäu region safeguard machine movements worldwide. This task does not permit compromises on quality – especially in medical engineering, because the safety of patients has utmost priority at all times.

Whether in x-ray devices, surgical microscopes, electric wheelchairs, or in surgery-supporting robots – mayr® safety brakes have a wide field of application in medical engineering. High-tech devices often require individual brake solutions. For this purpose, mayr® power transmission provides a wide portfolio of application-optimised safety brakes based on market-tested series products. These fulfil individual customer wishes and distinguish themselves by the same quality, technical maturity, and safety as standard products. For example, during surgery the robot arm must not under any circumstances wobble or sink. The brakes must hold determined positions accurately and backlash-free, and simultaneously operate extremely quietly. This task does not allow for concessions in quality, because safety does not allow for compromises.

Short switching times and high performance density

Safety brakes by mayr® power transmission are tailor-made to the requirements of medical engineering. They ensure reliable, constant holding torques throughout their entire service life and convince by extremely short switching times and high performance density despite low energy consumption. Furthermore, a long service life, minimal maintenance, and simple and quick installation make these brakes a particularly cost-effective solution. Depending on the requirements, the brakes are equipped with integrated noise damping. Every individual safety brake which leaves the mayr® power transmission works must pass a 100% inspection after complete assembly and adjustment. All measurement values determined are recorded with the corresponding serial number of the brakes in an electronic database.

This guarantees 100% traceability. These comprehensive tests and checks are a central component of the mayr® understanding of reliability and quality. They ensure that the values stated in the catalogue can also be reliably achieved and that the brakes function under all ambient conditions.

Reliable partner since 1897

Due to its quality standards, mayr® power transmission has gained the trust of many leading industrial companies as a reliable partner worldwide. Quality is not just theory at mayr® power transmission, but also an integral component of our corporate culture, which the company has incorporated in all processes, products, and structures since it was founded in 1897. The guiding principles of our renowned family-run company are safety, reliability, and innovation – not only in Mauerstetten, the German company headquarters, but also in all international locations. mayr® power transmission operates three further production sites in Poland, China and India, and is globally represented with sales subsidiaries in the USA, France, Great Britain, Italy, Singapore, Japan, Spain and Switzerland and additionally with over 40 further national offices.

MMM Group

Name › MMM Group

Address/P.O. Box › Semmelweisstrasse 6
Postal Code/City › 82152 Planegg/Munich
State › Bavaria
Telephone › +49-89-89918-0
Email › info@mmmgroup.com
Website › www.mmmgroup.com
Social Media ›

Number of Employees › 1,300 worldwide
Founded (year) › 1954

Areas of Activity › **Healthcare –**
hospital sterile supply departments
| Cleaning and disinfection
| Sterilisation
| Packing
| Transportation and storage
| Documentation
| Mobile RUMED
| Automation solutions
| Services and validation
| Consulting and implementation
| Training of RUMED personnel
| Reprocessing of flexible endoscopes

Life Sciences –
laboratory and pharma industry
| Cleaning and disinfection
| Sterilisation
| Heat technology
| Services and validation
| Consulting and implementation

Member of

bayern innovativ Gesundheit

SPECTARIS

MMM. Protecting human health

MMM Group has been operating worldwide as one of the leading system providers in the service of health since 1954. With a comprehensive portfolio of products and services pertaining to sterilisation and disinfection systems for hospitals, scientific institutes, laboratories, and the pharmaceutical industry, MMM has positioned itself as a crucial quality driver and innovator on the German and international markets.

1,300 employees' expertise to the mission of MMM

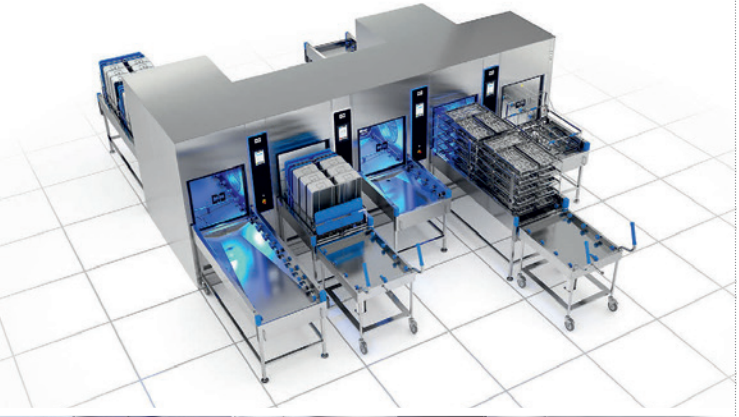
At our production plants in Stadlern, Peiting (both in Bavaria), as well as Brno (Czech Republic), we manufacture products tailored to the needs of our customers around the globe. We ensure a high manufacturing depth and thus meet the extensive quality requirements of the medical technology industry.

Complete solutions for maximum efficiency

Our regional sales and service centres are committed to a customer-focused approach and dedicated project management. You can rely on us to deliver the best solutions tailored to your specific needs – quickly and reliably. Whether it's installing new devices in compliance with current guidelines or upgrading existing MMM systems, we provide the perfect solution for every requirement.

MMM as a holistic provider

We provide comprehensive services that include detailed planning and consultation, product and software solutions, installation, logistics, and ongoing support. This also covers the validation of all RUMED processes and full project management for large-scale construction projects – from start to finish.



Our quality sets us apart

With a high level of in-house manufacturing, we ensure the strictest quality standards for our customers. Our “Made in Germany” products are internationally recognised and fully comply with the rigorous requirements of the medical technology sector.

Reliability is our commitment

Our products stand for durability and exceptional quality, backed by effective customer service. The high satisfaction of our customers and the extraordinary dedication of our team speak for themselves.

We maintain strong partnerships

At the intersection of people and technology, and between business growth and social responsibility, we strive to balance the interests of everyone involved. Our goal is to maintain cooperative relationships based on fairness and mutual respect.

We are committed to your needs

Through expert servicing, innovative products, and open dialogue with customers, suppliers, and employees, we ensure MMM maintains its reputation as a leading provider of sterile goods solutions and expertise.

N&H Technology GmbH

Name ›	N&H Technology GmbH
Address/P.O. Box ›	Gießerallee 21
Postal Code/City ›	47877 Willich
State ›	North-Rhine Westphalia
Contact Person ›	Dominik Genz (M.Eng./ MBA)
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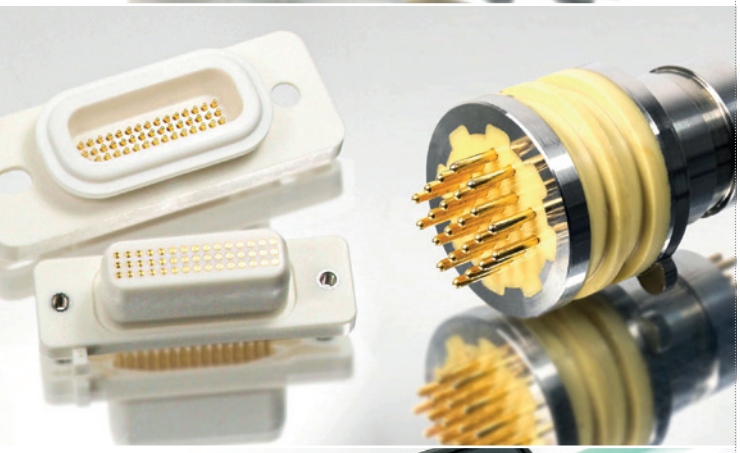
Fax ›	+49-2154-8125-22
Email ›	info@nh-technology.de
Website ›	www.nh-technology.de
Social Media ›	
Number of Employees ›	50
Founded (year) ›	2001
Areas of Activity ›	I Medical I Automotive I Industrial I Consumer Electronics

We are a full-service supplier for customised control panels and HMI devices and support our customers in the realisation of their products by producing them economically and in the highest quality.

Whether customised membrane keypads, silicone rubber keypads, plastic housings, moulded rubber or metal parts, magnetic connectors, or special cables – our international engineering team has extensive know-how for every product. Standard components such as spring contacts, microswitches, and buzzers complement our overall product portfolio.

For years, we have been supplying customers in the medical technology sector with customised membrane keypads, hygiene keypads, injection-moulded parts made of plastic and silicone, glass parts, magnetic connectors including cable assembly, and complete hand switches for bed control, as well as nurse emergency call systems.
Through highly qualified German and Chinese engineers in our company, we communicate excellently with our customers and suppliers, even about complex technical issues. If requested by customers, we can also take over entire development and design tasks. A creative and dynamic way of working, as well as tolerance and honesty, characterise our cooperation.

Our customers benefit not only from our outstanding technical engineering support, but also from our comprehensive range of services in their individual fields. Among other things, we offer consultative development and design support, optimisation of technical specifications for product safety, and the development of cost reduction options. We also take care of all logistical and customs processing and offer the option of setting up a consignment warehouse at our company in Germany.



N&H TECHNOLOGY

We have more than 20 years of procurement experience in the Asian market and have a subsidiary in Shanghai. Our manufacturing partners, some of whom have been with us for many years, are constantly monitored by us on the basis of defined technical and economic criteria and are selected for specific projects. Industry-specific quality requirements are taken into account. In addition to DIN ISO 9001 and DIN ISO 14001 certification, we have access to a large number of specialised suppliers who fulfil IATF 16949 or DIN ISO 13845 standard requirements.

Our customers include well-known German and international companies in the automotive industry, medical technology, telecommunications, industrial automation, building management systems, and other sectors. We have been working with them successfully for many years.

Name › ODU GmbH & Co. KG

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Postal Code/City › 84453 Mühldorf
State › Bavaria
Contact Person › Mathias Wuttke
Telephone › +49-176-10615653
Fax › +49-8631-6156-49
Email › Mathias.Wuttke@odu.de
Website › https://odu-connectors.com/
Social Media ›
Number of Employees › 2,800
Founded (year) › 1942

Areas of Activity ›
- Circular connectors
- Modular connectors
- Electrical contacts
- Custom connector solutions
- Cable assembly
- Fibre optic

High-tech connector solutions for modern medical technology

Consistent performance and a high degree of failure protection are of vital importance in medical technology. As an interface specialist, we develop and produce custom systems and standard solutions for your medical applications. From MRI equipment to endoscopy, we design all our connectors in compliance with the strictest regulations and applicable standards, such as the Medical Device Regulation.

- High-speed and high-density technology
- Sterilisable and autoclavable
- EMC/EMI shielding
- Fiber optic, hybrid, and non-magnetic connection options
- Waterproof (IP50, IP67 and IP68) and hermetically sealed options
- Connectors with silicone overmoulding and cable assembly

Silicone-overmolded system solutions

Thanks to their non-sticky surface and other properties, silicone-overmolded system solutions are easy to clean, steam-sterilisable, flexible, insensitive to extreme temperatures, and tested in accordance with DIN EN ISO 10993-5. This makes them a hygienic and robust solution for everyday medical use.

To meet medical requirements, we offer customised silicone-overmolded system solutions consisting of connectors, overmoulded parts, and cables, including assembly and optional laser marking.

- Connectors with silicone overmolding and cable assembly
- Carefully matched materials for optimal haptics, hygiene, and durability
- Partnerships with leading cable manufacturers
- We take care of testing, documentation, and certification for you

Fiber optic – fast and interference-free transmission

When it comes to challenging medical applications, we can offer a solution with our expanded beam technology that offers high-end transmission characteristics over up to 100,000 mating cycles. The excellent optical performance remains unchanged even under mechanical stress, environmental influences, and harsh ambient conditions. Since there is no direct contact between the contact ends, Expanded Beam connections are insensitive to contamination and can be easily cleaned. This ensures reliable transmission without any loss in the signal path. The portfolio also includes reliable physical contact technology that is characterised by very low insertion loss, which makes up to 1,000 mating cycles possible. For short transmission distances, polymer optical-fiber system solutions are also available as a cost-efficient optical connection.

- GOF (multimode/singlemode) and POF system solutions
- Fiber-only and hybrid systems
- High number of mating cycles
- Available as a fully assembled solution

About ODU

The ODU Group is one of the world's leading suppliers of connector systems, employing 2,600 people around the world. In addition to its company headquarters in Muehldorf a. Inn (Germany), ODU also has an international distribution network, with production and product development sites in Sibiu/Romania, Shanghai/China, Tijuana/Mexico, and Camarillo/USA.

80% degree of vertical integration – all competencies under one roof

ODU combines all relevant areas of expertise and key technologies including design and development, machine tooling and special machine construction, injection, stamping, turning, surface technology, assembly, and cable assembly. The ODU Group sells its products globally through its sales offices in China, Denmark, France, Germany, Hong Kong, Italy, Japan, Korea, Sweden, the UK, and the US, as well as through numerous international sales partners. ODU connectors ensure a reliable transmission of power, signals, data, and media for a variety of demanding applications.

OTEC

PRECISION FINISHING SOLUTIONS

Name › **OTEC Präzisionsfinish GmbH**

Address/P.O. Box › **Heinrich-Hertz-Straße 24**
Postal Code/City › **75334 Straubenhardt**
State › **Baden-Wuerttemberg**
Contact Person › **Sven Schmidt**
Telephone › **+49-7082-4911-20**
Email › **s.schmidt@otec.de**
Website › **www.otec.de**
Social Media ›
Number of Employees › **162**
Founded (year) › **1996**

Areas of Activity › **Machines for deburring, smoothening and polishing of implants, medical instruments, tools and components**

Precision for medical technology: OTEC sets the standard

OTEC Präzisionsfinish GmbH has almost 30 years of experience in surface finishing for medical technology. The company offers proven and innovative Mass Finishing and Electro Finishing systems for processing a wide range of medical components, including surgical instruments, implants, prosthetics, stents, impellers for heart pumps, as well as components made from titanium, CoCr, stainless steel, plastics, and 3D-printed materials. OTEC systems and processes are tailored to the specific requirements of the medical industry. The focus lies on reproducible precision, consistently high surface quality, process reliability, and cost-efficient operations – all critical aspects for implants, instruments, and functional components.

A key feature is the combination of various processing methods: OTEC integrates mechanical techniques such as Stream Finishing, Drag Finishing, and Disc Finishing with the Electro Finishing process. This combination enables the precise treatment of complex geometries and sensitive components, ensuring the highest quality standards. Additionally, automation and digitalisation concepts enhance process efficiency and ensure consistent results, particularly in serial production.

Mass Finishing for demanding components

Mass Finishing stands out for its reproducible precision and consistent quality, making it a reliable method for demanding applications. It optimises surface roughness, creating hygienic and biocompatible surfaces that are especially important in medical technology. The gentle processing prevents material deformation or microcracks, preserving the integrity of the components. With its high automation potential, the process delivers consistent results even in serial production. Furthermore, it enables efficient deburring and polishing of complex geometries, such as those found in implants, bone screws, or catheter components.

Member of

VDMA HealthTech

MedicalMountains

Electro Finishing for complex geometries

The Electro Finishing process offers numerous advantages. It achieves perfect smoothing and high-gloss polishing for microscopically smooth surfaces without material loss or dimensional changes. Even hard-to-reach areas, such as internal contours of instruments, can be processed with precision. This method is particularly ideal for surgical tools, as it preserves cutting performance. Thanks to the absence of abrasive contact, Electro Finishing is also perfectly suited for delicate components.

With OTEC's Mass Finishing and Electro Finishing systems, a wide variety of materials – including titanium, CoCr, plastics, and 3D-printed parts – can be processed. These finishing processes contribute to durable, functionally reliable components and support the adherence to the highest standards of quality, safety, and efficiency.

Name ›	PIA Automation Amberg GmbH
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State ›	Bavaria
Telephone ›	+49-9621-608-0
Email ›	sales@piagroup.com
Website ›	www.piagroup.com
Social Media ›	
Number of Employees ›	360
Founded (year) ›	1975
Areas of Activity ›	Innovative, tailor-made assembly systems and production lines
Annual Turnover ›	€59m (2024)
External Collaborations ›	VDMA

PIA Medical – When only absolute quality counts

Demographic dynamics in society call for ceaseless new medical and pharmaceutical technologies and products. For more than 60 years, PIA Automation has been a reliable partner and innovative system vendor in the field of cost-optimised assembly of complex components.

PIA Automation develops and manufactures versatile, technically and economically mature assembly automation systems – including rotary indexing systems, linear transfer systems, customised systems and robot cells. The future-oriented complete solutions from PIA Automation are valued as the benchmark for specific assembly tasks in the medical and pharmaceutical industry. On our systems, medical devices such as auto-injectors, syringes, pens and inhalers are automatically manufactured and tested. We support our customers with manual workstations for clinical trials or proof of principles, with semi-automated production lines for small lots and with fully automated systems for serial production. With meditec® system technology, even the highest demands on precision, quality, cleanliness and availability can be achieved effortlessly.

PIA V-RAC is the newest member of the meditec® family. V-RAC combines the flexibility of manual manufacturing with process and quality monitored production. V-RAC offers a cost effective and economical solution to produce medium sized batches while keeping up high quality and product safety. A perfect match for pre-clinical and clinical production.

Member of

PIA AUTOMATION

A high degree of standardisation, in connection with proven in-house expertise in qualification and documentation, enables PIA Automation to realise short time-to-market cycles. Together with our customers, we develop testing concepts in order to design devices which are safe in functionality and handling. PIA Automation's design-for-automation principle achieves decisive cost advantages in regard to return on investment. Thus, the benefits of partnering with PIA Automation begin in the early stages of a design. Especially with sustainability and efficiency included in our primary objectives!

PIA Group overall employs over 1,800 people worldwide at 12 interconnected locations in Europe, North America and Asia. With know-how that has grown continuously over decades and more than 8,800 completed projects in the automotive, medical, consumer goods, electronics and testing sectors, PIA Group is now one of the world's leading automation specialists.

Name › Polytec GmbH

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Postal Code/City › 76337 Waldbronn
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Telephone › +49-7243-604-3680
Website › www.polytec.de

Polytec – measure what matters

Founded in 1967, Polytec GmbH is the global market leader in non-contact vibration measurement technology. With subsidiaries in the USA, UK, France, Japan, Singapore, India and China, the company has established laser Doppler vibrometry as the internationally recognised standard for precision vibration measurement. More than five decades of innovation made Polytec a trusted partner for demanding applications in medical device development and quality assurance.

Enabling medical device excellence

Polytec's laser vibrometers are essential tools for medical device manufacturers seeking to accelerate development and validate designs with scientific rigor. The non-contact measurement principle uniquely characterises vibration up to the GHz-regime on one location or full-field without altering the dynamic characteristic of the samples. Polytec's easy-to-use vibrometers are valuable tools for design and performance verification, troubleshooting, FE model validation, modal analysis and quality control.

Key medical technology applications:

Ultrasonic medical instruments: Full 3D deflection analysis enables design optimisation and safety validation of surgical instruments, dental scalers and therapeutic devices. Visualising deflection shapes identifies failure modes and stress areas critical to patient safety.

Nebuliser and inhalation systems: Leading pharmaceutical manufacturers employ Polytec systems for 100% inline quality testing of aerosol generator membranes, ensuring consistent performance and precise medication delivery.

Medical imaging ultrasonic transducers: High-frequency vibrometers characterise piezoelectric and capacitive MEMS-based ultrasonic transducer arrays. Ultra-high-frequency systems support frequencies up to 1.2 GHz for next-generation imaging devices.

Member of

microTEC Südwest

Deflection shape of the PS instrument during ultrasonic activation.

Hearing research and implants: Polytec vibrometers are the reference standard for middle-ear implant development and cochlear research. With displacement resolutions below 1 picometer, systems reveal hearing mechanism function and validate implant performance with unparalleled sensitivity.

Acoustofluidics and lab-on-a-chip: Surface acoustic wave devices for cell sorting and point-of-care diagnostics are precisely characterised using ultra-high frequency systems, enabling acoustic field optimisation.

Technology advantages:

Polytec's patented QTec multipath laser interferometry delivers ten times faster measurement speeds with superior signal quality. The product portfolio ranges from compact single-point vibrometers for production testing to advanced 3D scanning systems for R&D analysis. Contract measurement services and equipment rentals are available for specialised projects. ISO 9001 and ISO 14001 certifications demonstrate commitment to quality and environmental responsibility.

Polytec provides comprehensive technical support, training and consulting. Partner with Polytec to accelerate medical device development, generate validation data for regulatory submissions and implement reliable quality control.

PRIMO Medico

Name ›	Primo Medico, Inter Primo A/S
Address/P.O. Box ›	Hoejbro Plads 6
Postal Code/City ›	DK-1200 Copenhagen
Country ›	Denmark
Contact Person ›	Daniel Kulwas
Telephone ›	+48-577-955-544
Email ›	daniel.kulwas@primo.com
Website ›	www.primo.com
Social Media ›	in
Number of Employees ›	880
Founded (year) ›	1959
Areas of Activity ›	Plastic extrusion
Annual Turnover ›	€140m

Primo is an international plastic extrusion company operating across 12 locations in 9 countries, combining global expertise with strong local presence and embedding teams within regions to ensure seamless collaboration, faster response times, and tailored support. Primo was founded in Denmark in 1959.

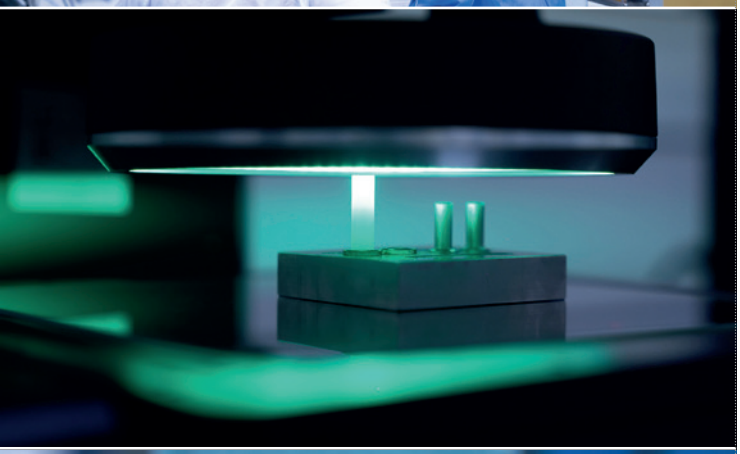
Extrusion specialist

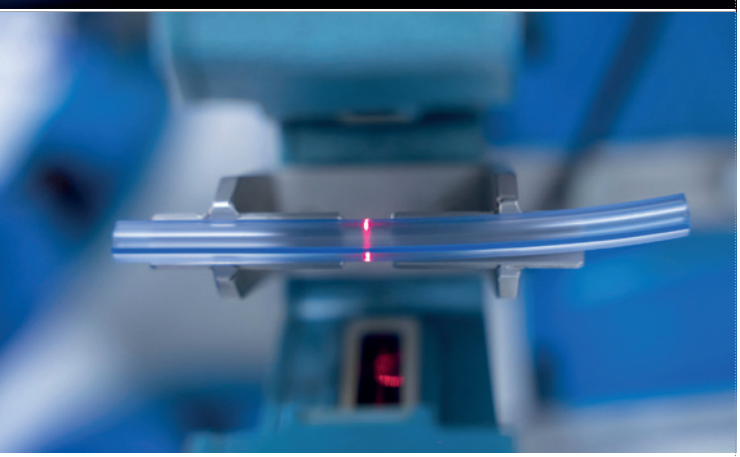
With over 300 advanced production lines and a dedicated Technology & Innovation Centre, Primo integrates high-tech manufacturing with rapid prototyping to reduce time to market.

We participate in the product development from start to finish, offering fast and flexible prototyping and on-time delivery, no matter where your production facilities are located.

Dedicated staff and facilities

We offer clean-room class 8 facilities and a specially trained medical staff, and we take pride in delivering superior quality that meets the high legal requirements of world leading manufacturers in the medical industry.





Medical tubings

Together with our customers in the healthcare and medical sector we develop polymer solutions according to your specific requirements to e.g. efficiency, total cost, flexibility or sustainability.

Our plastic medical tubing range comprises:

- Tubing and dispensers for guidewires
- Non-PVC alternative tubing
- Corrugated tubes
- X-ray tubes
- Single and multi-lumen tubes
- Multilayer tubes
- Bubble tubes
- Wire inlay tubing
- Dip-tubes for pharmaceutical, home, and beauty dispensers
- Custom profiles for various medical devices

QUESTALPHA
for Medical and Life Sciences

Name › **QUESTALPHA GmbH & Co. KG**

Address/P.O. Box › **Im Heerfeld 7**
Postal Code/City › **35713 Eschenburg**
State › **Hesse**
Contact Person › **Stephanie Rack-Schindler**
Telephone › **+49-2774-705-519**
Fax › **+49-2774-705-599**
Email › **info@questalpha.com**
Website › **www.questalpha.com**
www.sugisponge.com

Number of Employees › **>50**
Founded (year) › **2020, active since 1944 (predecessor company)**

Areas of Activity › **Manufacturing and commercialization of versatile medical grade sponge material**

Annual Turnover › **Double digit million € sales**

External Collaborations › **Active cooperation with several corporate R&D departments and academic institutions**

Member of

BVMed
Enhancing Health

QUESTALPHA is a leading manufacturer of high-performance absorbent materials made from cotton and regenerated cellulose. Our expertise is dating back to the early 1950s with the launch of Sugi® medical sponge products. We cover the full value chain from research and development, production and logistics to marketing and sales of our product ranges. Our branded products have become indispensable solutions for doctors and hospitals in ophthalmology, ENT, dentistry, microsurgery, hygiene, diagnostics, and wound care. Supplying our high-quality materials for developmental purposes and as versatile components in OEM products is supplementing our branded products business and enhancing our customer network in the medical device market.

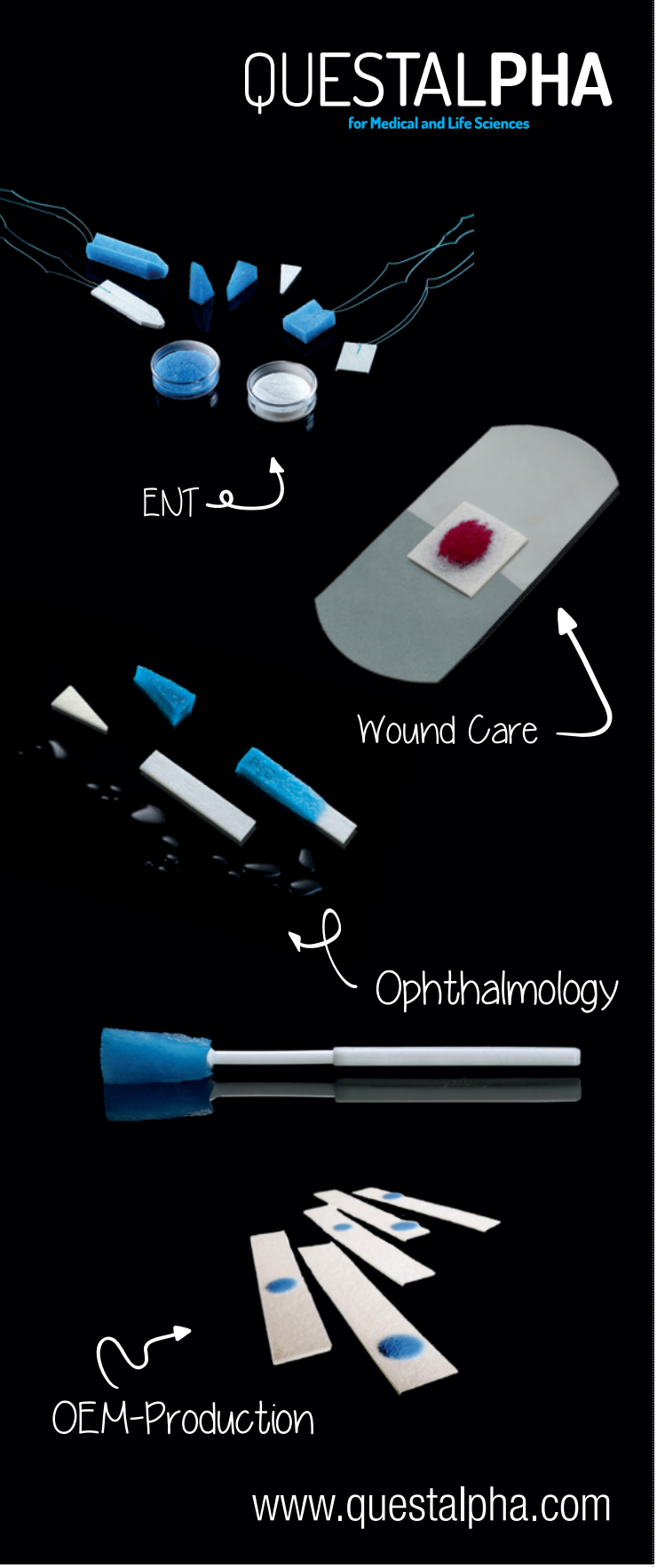
QUESTALPHA's name emphasizes on our strategic realignment for further market expansion. While "QUEST" stands for the active pursuit, "ALPHA" underscores the best solution to be found for each individual customer. Our company has invested a substantial amount in automation equipment to contain the growing demand. Additional automation components are planned for the next 5 years with the aim to achieve a high level of precision and velocity.

SUGI® Products

All Sugi® products contain our biocompatible Sugi® medical grade sponge material made of pure cotton and regenerated cellulose. Our material can absorb up to 17 times of its own weight of aqueous solutions in a very short time. A soft elastic expansion is initiated and, depending on the area of application, a soft compression of the surrounding tissue is induced.

Sugi® Eye Spear

Ophthalmology places particularly high demands on surgical accessories. The highly absorbent Sugi® (sponge material) is used in the field of ophthalmology. With its tightly bound fibers and firm consistency when wet. Sugi® is used for diverse ophthalmic surgical procedures including LASIK. Sugi® absorbs fluids faster and more efficiently than comparable materials. The result is a permanently clean and clear operating site.



Sugi® RhinoSwabs

Rhino swabs have been specifically designed for functional endoscopic sinus surgery (FESS). Nasal surgery swabs with retrieval cord according to Prof. Dr. H. Stammberger are ideal for absorbing blood and secretion from the wound area during endoscopic nasal surgery. The sponge material made of pure cotton and regenerated cellulose can absorb up to 17 times its own weight in aqueous solutions in less than 3 seconds. Sugi® absorbent swabs can also be used as a vehicle for vasoconstrictor medication. The biocompatible swabs and strips have exceptional tear resistance.

Sugi® Plast

High quality components make Sugi®-Plast a unique product. Designed according to requirements of modern wound care products, Sugi®-Plast can be applied after vasopuncture, as well as in the field of secondary healing wounds.

SUGI® Inside (www.sugisponge.com)

Customized raw material e.g. as a component in medical devices or for manufacturing processes of medical products. Individual development through our full service for component manufacturers, R&D specialists or material specialists.

Are you searching for a solution related to absorption, binding, retention, or separation of molecules in medicine and life science? Let us find out if our Sugi® material is suited for your purpose.

With Sugi® Inside we offer support and documentation during the entire development process of your customized raw material. A wide range of applications already benefits from the versatile physical and chemical properties of the unique sponge material.

In addition to our medical sponge activities, QUESTALPHA is both acting as a successful developer and producer of other medical devices and is seeking for additional applications.

RAPA HEALTHCARE

Name › RAPA Healthcare GmbH & Co. KG

Address/P.O. Box › Albert-Pausch-Ring 1
Postal Code/City › 95100 Selb
State › Bavaria
Telephone › +49 9287 884-0
Email › healthcare@rapa.com
Website › www.rapa.com
Social Media ›

Number of Employees › RAPA Group Global approx.: 1,000
Founded (year) › 1920 (RAPA Group)

Areas of Activity › **RAPA Healthcare is a leading supplier and engineering partner of valves, valve blocks, micropumps, and smart system applications with integrated electronics.**

- **Highly customised solutions**
- **Technology consulting with feasibility studies and concept development**
- **Mechanical, electrical and software design**
- **Simulation, testing and validation**
- **Production process development with plant engineering**

Innovate with Us

RAPA Healthcare is your trusted supplier and engineering partner in medical technology and a specialist in advanced valve solutions. As part of the renowned RAPA Group, we combine decades of expertise with a strong commitment to innovation, positioning ourselves as a long-term partner for ambitious projects.

Our focus is on customised smart valve solutions and fluid components, tailored to meet the unique requirements of medical technology. Through direct engineer-to-engineer collaboration from the very beginning, we ensure seamless communication, rapid problem-solving, and strong partnerships that drive success.

Core Expertise

- Standard products, customisation, and new product development
- Engineer-to-engineer support from concept to production
- Low-volume manufacturing to highly automated series production
- Local and worldwide supply chain management
- Production facilities in Europe, the USA, and China
- Customer support throughout the entire product life cycle
- Certified to ISO 13485 for guaranteed medical-grade quality and reliability

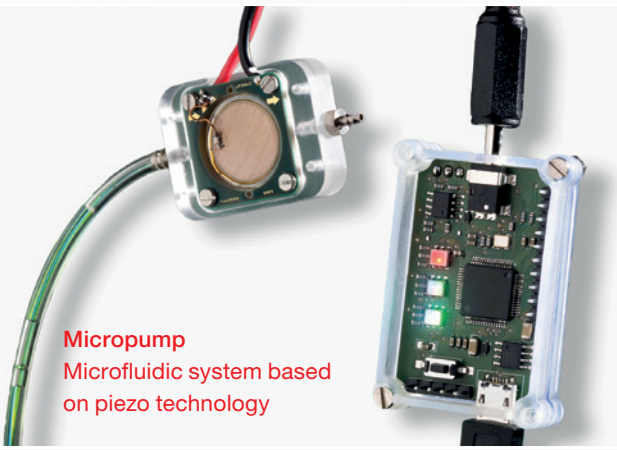
Unlike catalogue suppliers, we provide comprehensive development expertise – from consulting and concept design to mechanical, electronic, and software engineering, prototyping, and quality management. Our agile project management ensures flexibility and speed, while our in-house R&D and accredited labs guarantee quality and compliance.

Member of

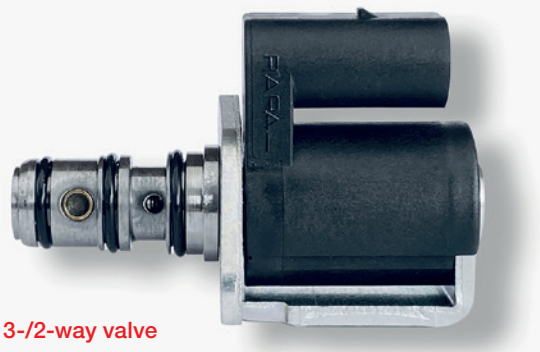
VDMA HealthTech

Media-separated solenoid valve
for dialysis machines

Fluid control unit
Electromagnetic solenoid valve block with integrated electronics and BUS control



Micropump
Microfluidic system based on piezo technology



3-/2-way valve
Hydraulic component

Product & Service Portfolio

- Valves and valve systems
- Fluid management components and microfluidic solutions
- Integrated electronics and software

Our solutions integrate seamlessly into your systems, offering efficiency, reliability, and long product life cycles. We ensure traceability, change management, and risk compliance for critical components.

Customer Benefits

- Time and cost savings through outsourcing development and leveraging our in-house expertise
- Quality assurance with accredited labs and advanced validation possibilities
- Trusted certifications: ISO 9001, ISO 14001, ISO 13485, ISO 17025
- Affordable customisation thanks to integrated development and production, advanced automation, and global supply chain management

With RAPA Healthcare, your project doesn't just succeed – it exceeds expectations.

Our promise: Smart solutions delivered on time, on budget, and with uncompromising quality.

Contact Us Today

Engineering Excellence for Your Application!

For more information, please visit our website:
healthcare.rapa.com

RÖSLER®
finding a better way ...

Name › Rösler Oberflächentechnik GmbH

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State › Bavaria
Contact Person › Michael Striebe
Telephone › +49-9533-924-151
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Email › m.striebe@rosler.com
Website › www.rosler.com
Social Media ›
Number of Employees › 1,500 worldwide
Founded (year) › 1933

Areas of Activity › Mass Finishing
Shot Blasting
Additive Manufacturing

Member of

VDMA HealthTech

About Rösler

For over 90 years, the privately owned Rösler Oberflächentechnik GmbH has been actively engaged in the field of surface preparation and surface finishing. As global market leader, we offer a comprehensive portfolio of equipment, consumables and services around the mass finishing and shot blasting technologies for a wide spectrum of different industries. Our range of about 15,000 different self-made consumables specifically serves our customers for resolving their individual finishing needs. Under the brand name AM Solutions we offer numerous equipment solutions and services in the area of additive manufacturing/3D printing. Last-but-not-least, as our central training center the Rösler Academy offers practical, hands-on seminars to the subjects mass finishing, shot blasting and additive manufacturing.

High-quality surface finishing technologies for medical parts

The selection of a surface treatment process is the key factor that influences the functionality, performance and longevity of medical parts. Due to their precision, efficiency and economy, mass finishing and shot blasting are considered to be an indispensable part of the finishing process for a wide variety of medical parts in different manufacturing stages. Our flexible machines are able to do the surface preparation and final finishing starting from general cleaning, deburring, surface smoothing after casting, forging, stamping, machining, additive manufacturing, heat treatment, or surface preparation for plating, coating, or electro-polishing. This also applies to the final surface finishing stages for medical parts such as passivation, high-gloss polishing or the placement of a matte, non-glare finish on the surface of components.

Fields of medical application

Fields of medical application are endoprosthesis implants, trauma implants, spine implants, dental implants, medical instruments, endoscopy instruments, orthosis prosthesis and other medical and pharmaceutical devices.

Customer Experience Center worldwide

What's unique about Rösler's system is its integrative approach. Systems and processes are tailor-made to the respective processing requirements. Many subsidiaries of the Rösler Group are equipped with their own Customer Experience Center (CEC), with the latest in systems engineering. In order to capture data on the respective processing sequence, customer work pieces first undergo sample processing in the CEC. This decides which processing method will be used and with which peripheral devices.

Process development and process optimization

From sample processing to process design to mechanical implementation and expert after-sales service, you receive comprehensive solutions from a single source. The latest measurement technologies support our process development and optimization. More than 190 engineers and technicians work daily in our construction and development departments on individually tailored system solutions.

Global network

Besides the German manufacturing locations in Untermerzbach and Bad Staffelstein the Rösler group has a global network of 13 manufacturing/sales branches in Great Britain, France, Italy, the Netherlands, Belgium, Austria, Switzerland, Spain, Romania, Russia, Brazil, China and the USA. In addition, there are more than 150 sales agencies with years of experience standing ready to advise you.

Name › SAB Bröckskes GmbH & Co. KG

Address/P.O. Box › Grefrather Straße 204-212 b
Postal Code/City › 41749 Viersen
State › North Rhine-Westphalia
Contact Person › Marc Gerlatzek
Telephone › +49-2162-898276
Fax › +49-2162-898101
Email › m.gerlatzek@sab-cable.com
Website › www.sab-cable.com
Social Media › in
Number of Employees › 550
Founded (year) › 1947

Areas of Activity › Special Cables and Cordsets for Medical Devices
Annual Turnover › €130m

Special Cables for Medical Technology

SAB Bröckskes is a worldwide leading manufacturer of special cables. 75 years of experience in cable manufacturing as well as in temperature measuring techniques have made out of a one-man business a company with more than 550 staff members.

Our customers receive custom-made solutions, so-called special cables that we are able to manufacture from a quantity of 100m. High flexibility and speed are our outstanding characteristics. As a leading special cable manufacturer we are able to design and produce a special cable that meets your special requirements.

Holistic view of customer requirements and “hidden needs”

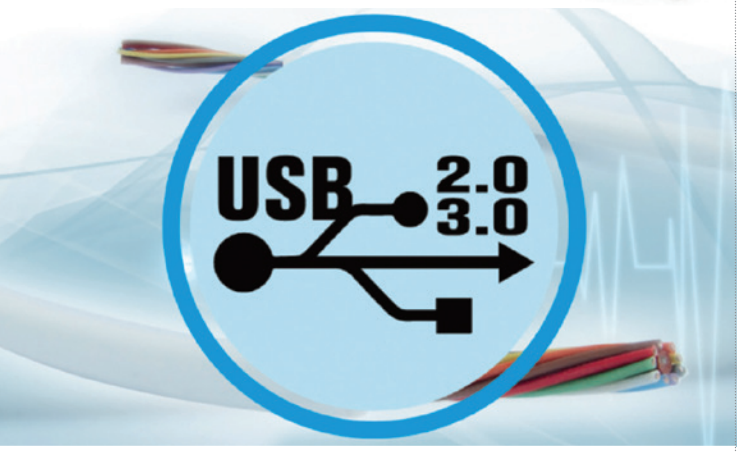
In many medical applications the devices may require extreme manoeuvrability, integrated recording components, built-in light management, and co-viewing systems.

As a result of these requirements, cables designed for e.g. imaging devices usually perform multiple tasks to unite different signal transmissions, such as USB and Ethernet, in the smallest possible spaces.
“Certainly, such an implementation requires a high level of know-how and sometimes presents challenges for our engineers,” says Marc Gerlatzek, product manager for the medical technology division at SAB Bröckskes GmbH & Co KG. “Our work is not finished with precision-based cable design alone; at SAB we must consider a holistic approach, which only works with direct customer dialogue. Having direct dialog with our customers allows us to minimise any unforeseen application requirements.”

When designing imaging cables, however, often “hidden needs” directly influence the performance of these cables. It’s important to discuss these prior to design and production.

Examples of hidden needs:

› the device connection via a ceiling supply or an articulated arm that has to move in all axes



- the use of computer-assisted robotics
- the intended connectors and connection geometries
- expected electrical interference in the integrated operating room

Expertise regarding the individual application possibilities requires a sufficient depth of knowledge from the cable manufacturer, ideally gathered from experience: successes as well as setbacks. The ultimate consideration, however, is still the technical integration of all known features and hidden needs in one cable throughout the finished cable assembly.

High-precision manufacturing processes for cable production

Asymmetries in a cable can quickly lead to interferences due to differences in propagation time and signal radiation, while large process tolerances lead to mismatching and reflections. As a consequence, this can lead to transmission losses, distortion of the signal, runtime and data errors, and ultimately to reduced image quality.

The precision of the manufacturing processes and the selection of impedance-relevant materials have a considerable influence on the transmission characteristics. Through targeted signal integrity engineering and comparison with our documented empirical values from a large number of measurements, we ensure homogeneous transmission values over the entire cable length.

Length-dependent factors such as “voltage drop” or attenuation are limiting factors. Cable cross-sections for increased power transmission are just as much a part of the requirement profile as are tolerated outer diameters.

Requirements on cable and cordet, e.g. 2MOP

Depending on the classification, these devices are also subject to the regulatory requirements of the new EU Medical Devices Regulation. The resulting specifications regarding patient and user safety (2MOP) and protection against electrical interference and capacitance are taken into account in the development phase and individually tested both during and after production.

Sauter Gruppe

Name › Sauter Group

Address/P.O. Box › Goethestraße 22
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Telephone › +49 7731 97 549 0
Email › sales@sauter.de
Website › www.sauter.de
Social Media › in
Number of Employees › approx. 200
Founded (year) › 1934

Areas of Activity › technical springs

Industry-leading technical spring solutions for drug delivery devices

Springs in drug delivery devices are key functional components that are subject to high mechanical stress. Sauter Group sets unparalleled standards to provide spring solutions with maximum reliability – developing precisely coordinated forces and not failing under any circumstances.

The particular focus herein lies in providing advanced spring solutions with a tailor-made integration into the customers' production lines. With iteratively developed and tested processes, highest standards are ensured in:

- minimal tolerances in the installation space at maximum spring force
- hygienically flawless individual packaging
- fast, reliable availability of up to millions of units.

This ability is built on two pillars: Sauter Group's unique in-house manufacturing engineering expertise and the striving to forge trendsetting partnership models with customers.

Springs and manufacturing technology as core competences

Firstly, Sauter Group's approach involves a perspective shift from individual components to manufacturing technology. Advanced spring solutions are provided with three key elements:

- Complete in-house development of production lines tailored to the required properties and parameters of the springs.
- Integration of hygienic packaging solutions into the customer's production line
- Fully automated production spread across three production sites, operating around the clock.

These elements enabled Sauter Group to establish an initial production capacity of more than 125 million springs for a platform manufacturer. During the subsequent expansion phase, this capacity increased to more than 250 million springs per year within a year. To date, the complaint rate has remained far below 64 ppm.

Member of

MedicalMountains

THE SPRINGS OF CHOICE FOR RELIABLE DRUG DELIVERY - OVER A BILLION TIMES

for autoinjectors, injector pens, medical sprays and more.

Spring production

Achieve the highest performance with our bespoke springs, all produced in our in-house developed and built production line.

Dedicated packaging

Boost the productivity and speed on your assembly lines with our Sauter FoliPack®.

Process integration

Receive max. material assurance on a rapid scale with our innovative partnership approach.

Sauter Group
Talk to our experts
sales@sauter.de

Trendsetting partnership models across the entire value chain

Secondly, the integration of customers and suppliers through partnerships represents Sauter Group's distinguished approach in providing spring solutions. Customers are engaged in Sauter Group's production in three steps:

- Exclusive production lines at Sauter plants ensure an initial high-volume supply.
- Transfer of machinery and know-how to the customer's plant to create additional production capacity in the event of an increase in demand.
- Maintenance and repair of all machines to ensure compliance with the highest quality and hygiene standards.

This legacy partnership approach is also adopted with suppliers, who are closely involved in three areas on an equal footing:

- Customer-driven demand forecasting for predictable call-offs over several years
- Early warning systems to counteract any supply chain disruptions at an early stage
- Safety reserves are specified with the customer across the entire value chain to ensure maximum delivery quality.

This partnership model enables vertical integration to be scaled up without customers having to develop core competencies for spring manufacturing. Regular, closely timed audits ensure the highest standards of hygiene, quality, and delivery reliability from the outset, even for large orders – for example, one billion springs in seven variants all individually packaged for a single customer.

SCHEUERMANN + HEILIG
Performing Perfection

Name › SCHEUERMANN + HEILIG GmbH

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Postal Code/City › 74722 Buchen
State › Baden-Wuerttemberg
Contact Person › Elmar Noe
Telephone › +49-172-96-98-557
Email › Elmar.noe@sh-gmbh.de
Website › www.sh-gmbh.de/en/
Social Media ›
Founded (year) › 1957

Areas of Activity ›
- Development expertise and tooling technology
- High quality punching and punching-bending technology, spring technology, injection molding technology
- Automated assembly technologies
- Integrated process technologies such as cleaning and heat treatment

Annual Turnover › €80m

External Collaborations ›
- VDFI (Verband deutscher Federnindustrie)
- EFB (Europäische Forschungsgesellschaft für Blechverarbeitung)
- Fraunhofer-Gesellschaft

Member of

MedicalMountains microTEC Südwest MEDICAL VALLEY

High quality metal & plastic forming solutions for the medical industry

For almost 70 years, SCHEUERMANN + HEILIG have been creating and manufacturing high-quality, cutting-edge, and innovative forming solutions in both metal and plastic, for a wide range of precision sectors, including the medical technology and healthcare industry.

Using advanced, state state-of-the-art technologies and hybrid production processes, we have many years of experience developing and manufacturing high-precision forming solutions and prototypes for auto-injectors and medication delivery devices, inhalers and respirators, blood glucose measurement and diagnostic equipment, needle protection systems and syringes, as well as, advanced endoscopy equipment.

To be more precise, we create and produce the parts that makes these systems work. Wherever you find crucial assemblies made from metal and plastic, stamped and stamped + bent parts, high precision, tension and compression springs, bent wire components, and the essential micro parts needed for medical equipment where total reliability is of the utmost importance, you'll find SCHEUERMANN + HEILIG.

Meeting the highest standards to achieve the highest quality

Our philosophy has always been to manufacture parts for industry that meet the most exacting standards. For decades SCHEUERMANN + HEILIG have chosen not only to meet the strictest performance standards but to exceed them where possible. These include ISO 9001, IATF 16949, ISO 13485, ISO 14001, ISO 45001 and ISO 50001.

We are a leading, premium developer and manufacturer of hybrid assemblies, stamped and stamped + bent parts, technical springs, and precision products made from advanced metal and plastics. We are totally committed to constantly questioning existing solutions and searching for more innovative ways of working.

The development and series production of sophisticated complex assemblies is the focus of our work. For our first-class series production, course we create individual processes and tools and produce fully developed prototypes.

Our expertise in the use of hybrid technology – the automated combination of different metal components or metal and plastic elements to form complex assemblies – gives us an innovation advantage which benefits our customers worldwide.

Of course, together with our customers, we also have the experience and the know-how to develop custom-tailored solutions, whether it's for individual components, assemblies, or system solutions.

SCHEUERMANN + HEILIG: Exploring the limits of what is possible

Our commitment to using innovative technologies, manufacturing precision, and the production of hybrid assemblies has always been and still is a family obsession. Our goal is nothing less than perfection at every level, right down to the tiniest detail. And because of this, since the company was founded in 1957 by Anton Scheuermann and Günter Heilig in Buchen-Hainstadt, Germany, we have grown to become world leaders in our industry.

In 1979 we expanded our operations and established SCHEUERMANN + HEILIG do Brasil in Atibaia, Brazil and have achieved premium supplier status to major international customers in the mobility, smart solutions, environmental, and building technology industries, as well as the medical and healthcare sector.

Visit our website and take a closer look at our range of products, our devotion to customer service, and how we can help you: www.sh-gmbh.de/en/

SCHNEEBERGER

Name › SCHNEEBERGER GmbH

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Telephone › +49-7081-782-0
Fax › +49-7081-782-124
Email › info-d@schneeberger.com
Website › www.schneeberger.com
Social Media ›
Number of Employees › 1,400
Founded (year) › 1923

Areas of Activity ›
- Medical technology
- Biotechnology
- Machine tool industry
- Laser and Photonics
- Metrology
- Automation
- Semiconductor

Member of

VDMA HealthTech

Precision in Motion for Medical Innovation

Setting the Gold Standard in Precision Technology

At the forefront of medical innovation is the powerful synergy between precision and customisation. As pioneers in motion control solutions, we at SCHNEEBERGER are thrilled to unveil our tailored offerings designed to meet the complex needs of the medical industry. From biomedical 3D printing to surgical robotics, seamless and reliable motion is critical for delicate procedures, especially in sterile environments where consistency and accuracy are non-negotiable. As a global, financially strong, and technologically advanced family-owned company, our dedicated team plays a vital and lasting role in supporting our customers' success. With high-quality products, exceptional precision, and dependable delivery, SCHNEEBERGER contributes to the development, production, and performance of next-generation medical innovations.

Configurable Options Tailored for Your Application

Cage Control System

The robust, simple design of the SCHNEEBERGER cage control consists of only a few components and meets all requirements in terms of productivity and cost-effectiveness. It reliably prevents cage creep during frequent strokes, enabling smooth operation and long service life.

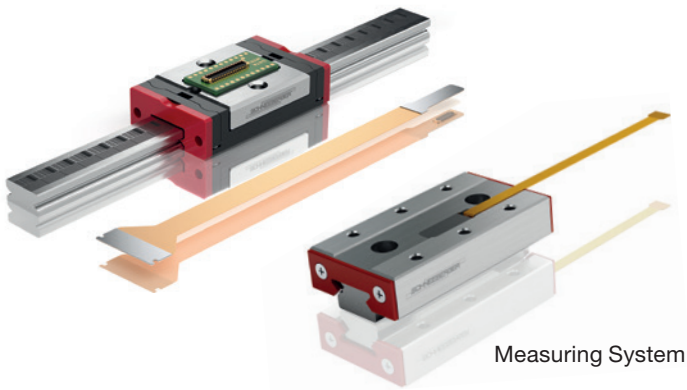
Measuring System

The absolute measuring systems SAM and the incremental measuring system Scale combine "guiding" and "measuring" in a highly integrated design.

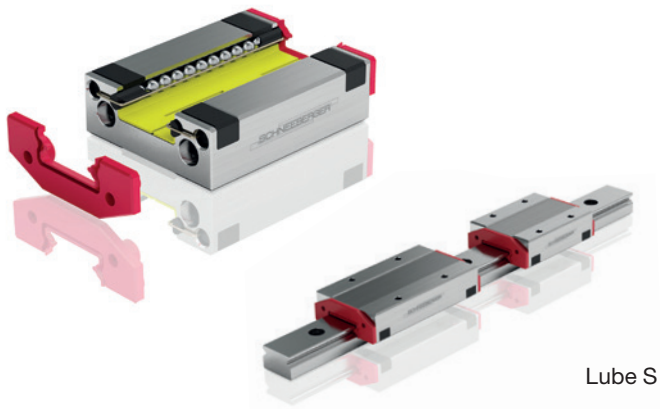
Lube S

The LUBE-S long-term lubrication system for MINIRAIL carriages ensures uninterrupted, long-lasting and reliable operation, and significantly reduces maintenance costs due to the extended maintenance-free period.

Cage Control System



Measuring System



Lube S

Optimized for Medical Use

Optimised for Medical Use

Optimised products for demanding applications with lubrication for cleanroom and FDA use, special cleaning and packaging processes, corrosion-resistant materials, and full product traceability.

Microsurgery

Precise linear guideways ensure accurate alignment and movement while improving repeatability and process reliability. This helps ensure that incisions are made with precision.

Liquid Handler

Thanks to their precise running characteristics, SCHNEEBERGER products ensure exact positioning during pipetting. The corrosion-resistant materials guarantee reliability and a long service life, even under demanding conditions.

Microtome

Precise linear guides are essential for applications which require smooth running, high stiffness and accuracy, as they meet even the most demanding performance and quality requirements. They also ensure long-term reliability and consistent results in particularly sensitive environments.

Microscope

Precision linear guides are essential for high-precision imaging in microscopes. Typical areas of application for high-precision and rigid systems include focusing and scan tables.

Diagnostic Devices

Diagnostic devices require precise linear guides. These are crucial because they ensure exact positioning. This is essential to obtain reliable and accurate measurements.

Dental Scanner

With MINISCALE, SCHNEEBERGER combines guidance and measurement in one product, using a minimal number of components while achieving maximum resolution.

Dental Milling and 3D Printing

Highly dynamic movements in minimal installation space. HIPP ground miniature ballscrews sets new standards in terms of smooth running and positioning accuracy

Name › **SCHUNK SE & Co. KG**
Spanntechnik | Greiftechnik | Automatisierungstechnik

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State › **Baden-Wuerttemberg**
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Business Development Life Science
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Email › **lifescience@de.schunk.com**
Website › **www.schunk.com**
Social Media ›
Number of Employees › **3,700 worldwide**
Founded (year) › **1945**

Areas of Activity › **Standard components, customer-specific components and systems, as well as machines for automation and production technology**
| MedTech:
Manufacturing and handling of medical consumables and products
| Robotics and automation in the human environment (e.g. surgical robots or rehabilitation devices)
| LabAutomation:
Handling in laboratory processes and analytical procedures
| Pharma:
Handling and automation in pharmaceutical production

Member of

VDMA HealthTech

Hand in hand for tomorrow

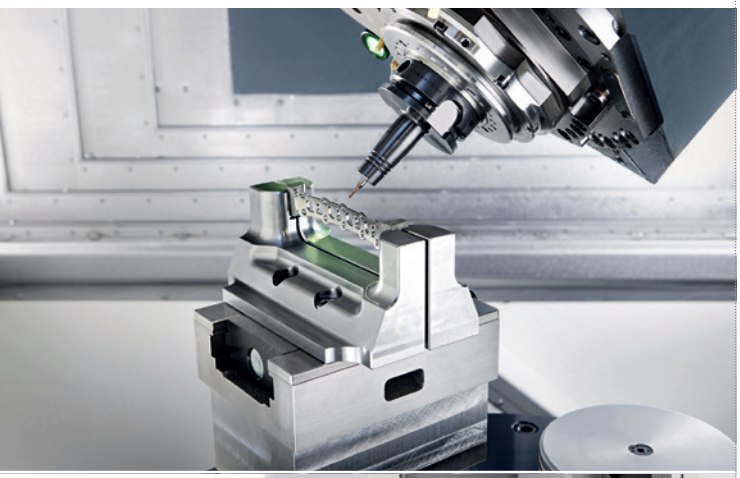
SCHUNK is a technology pioneer in toolholding, workholding, gripping, and automation technology, driving productivity gains for its customers and partners in the industry with a portfolio of components, engineering expertise, and machines – and has been for 80 years. To achieve this, 3,700 employees worldwide are committed across 10 plants and 34 directly owned subsidiaries, working closely with sales partners in 75 countries. Drawing on close partnerships with its customers and collaboration within innovation networks, SCHUNK develops future technologies for a wide range of industries, such as automotive, e-mobility, life science, aerospace, and electronics. The goal is to shape an industrial future that is more efficient, more resource-friendly, and healthier, in line with the concept of the “Healthy Factory”.

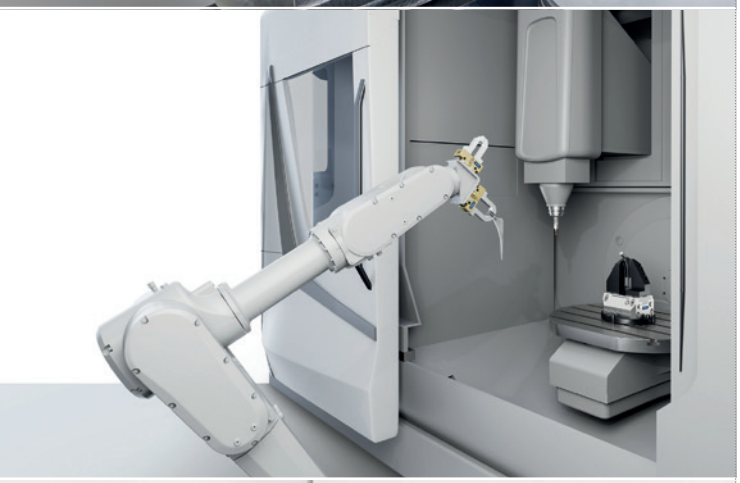
Automating the world of Life Science

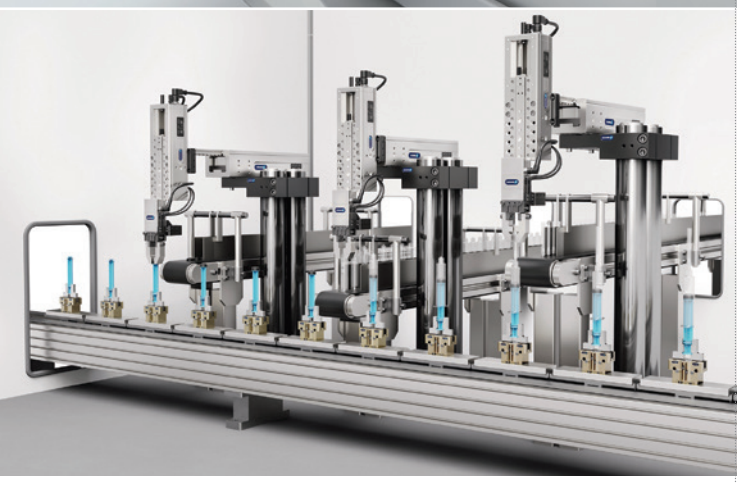
As an experienced partner of the life science industry, SCHUNK knows that the requirements are not comparable to those of any other industry. Residue-free, highly sensitive gripping, corrosion resistance and cleanroom suitability are just three of the many standard features that are required, and for good reason. SCHUNK focuses on the MedTech, Lab Automation, and Pharma industries. In addition to flexibility and precision, absolute process reliability is required in all three areas. The reliability required for this, including application expertise, is part of SCHUNK’s product and service portfolios.

Expertise for your application

SCHUNK’s life science portfolio includes components, applications and services for automation and clamping technology. Based on its extensive application experience, SCHUNK already offers ISO cleanroom-certified components, components configured with H1 greases (FDA-compliant), VHP (H_2O_2) resistant materials, ATEX products and protective covers in hygienic design. In addition to the standard products, SCHUNK also offers modified versions and customer solutions tailored to specific requirements. A team of specialists implements individual automation applications, from planning to certification and in close cooperation with the customer.







MedTech – Process-reliable manufacturing in medical technology

In the MedTech segment, we enhance machines and systems with the components and solutions needed for producing medical devices and consumables with highly efficient toolholding and workholding, gripping technology and automation technology. SCHUNK reliably meets the stringent requirements for lubricants, robustness and durability in the medical technology sector.

Efficient manufacturing solutions

Machining in medical technology means the process-reliable machining of complex components, from prostheses and implants to surgical instruments. SCHUNK offers efficient clamping solutions for this: stationary workholding, lathe chucks with special jaws for stable clamping of complex geometries. With quick-change pallet technology and tombstones, automation is facilitated, with shorter setup times, longer spindle running times, and higher output.

Precise and flexible assembly

Assembly lines in medical technology for insulin pens, inhalers, and other products require validatable, process-reliable operations with high cycle rates, easy integration, high availability, and minimal maintenance. SCHUNK provides precise, flexible, and durable components for this. With linear axes, rotary units, pick & place units, grippers, and robot accessories, subsystems up to fully automated lines can be implemented.

Name › Seco Tools GmbH

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State › North-Rhine Westphalia
Telephone › +49-211-2401-0
Email › info-de@secotools.com
Website › www.secotools.com
Social Media ›
Number of Employees › 3,800 worldwide
Founded (year) › 1936

Areas of Activity ›
- General Engineering
- Automotive
- Medical
- Aerospace
- Power Generation

Seco-Tools – your partner for machining solutions

Seco is one of the world's largest providers of comprehensive metal cutting solutions for milling, stationary tools, holemaking and tooling systems. For over 80 years, we have been more than just a cutting tool provider. We develop and supply the technologies, processes and supports that manufacturers depend on to maximize productivity and profitability.

Headquartered in Fagersta, Sweden, Seco is present in more than 75 countries via 3,800 team members. All Seco employees across the globe share a family spirit, along with a passion for our customers and personal commitment to ensuring their success.

Seco employees take a practical approach to applying high levels of metal cutting competence to overcoming customers' challenges. Relationships built on trust and respect are vital to our success. We work closely with customers to understand their needs. We undertake cooperative ventures with universities and industry associations to monitor trends and develop solutions that meet the needs of unique segments. We partner closely with providers of complementary technologies to ensure manufacturers have access to comprehensively optimized solutions.

Seco is part of Sandvik Machining Solutions, the tooling business area of the Sandvik Group.

Member of

Machining medical components is a challenge for you?

The medical industry has experienced substantial growth in recent years, a trend expected to continue due to a variety of factors.

The worldwide economic issues of the past several years have created a growing demand to reduce costs, leading to substantial research and development into new materials and processes. Additionally, higher levels of regulation have created a need for more predictable and stable manufacturing methods. As these trends continue, medical manufacturers will face the ongoing challenge of adapting to an evolving market.

Collaboration with a global network of partners

Seco has worked closely with global medical manufacturers for decades, building a foundation of expertise that makes us a valuable partner to those serving the industry. We also partner with research institutes, universities and other industry entities to fully understand the challenges medical manufacturers face and develop the solutions to overcome them. Our own R&D focuses on the advanced technologies, tools, strategies and component solutions that will drive and evolve your processes.

As the medical industry continues to innovate and grow, Seco is here to help you understand and overcome the metal cutting challenges you encounter.

By understanding customers' processes and challenges at every step, we elevate productivity and become a transformational partner, ready to tackle both every day and extraordinary challenges.

Visit *www.secotools.com* or contact us. Seco will support your challenges in machining your medical components.

STÄUBLI

Name › Stäubli Tec Systems GmbH Robotics

Address/P.O. Box › Theodor-Schmidt-Strasse 19/25
Postal Code/City › 95448 Bayreuth
State › Bavaria
Contact Person › Martina Düngfelder, Local Head of Life Sciences & Food
Telephone › +49-921-883 3254
Email › m.duengfelder@staubli.com
Website › www.staubli.com
Social Media ›

Number of Employees › 6,000
Founded (year) › 1892

Areas of Activity ›
- Industrial automation
- Pharma automation
- Life Sciences & Medical Devices
- Medical technologies

Annual Turnover › CHF1.6bn

Scan me for more medial automation solutions

Driving quality and growth with obotics

Medical device products range widely in value, complexity, and customisation, from tongue depressors to CT scanners and prostheses, but all devices must comply with strict regulatory standards. At the same time, continuous innovation and trends such as connected and wearable devices require manufacturers to adapt to more complex processes and enhance traceability while scaling production.

Robotics offers practical solutions that take all regulatory requirements and industry dynamics into account. Medical device manufacturers can improve throughput and product quality, and support compliance by automating repetitive tasks with robotic systems. Doing so reduces human error, adds transparency through real-time data capture, and enhances the flexibility of manufacturing processes, which is essential to meeting the demand for personalised devices.

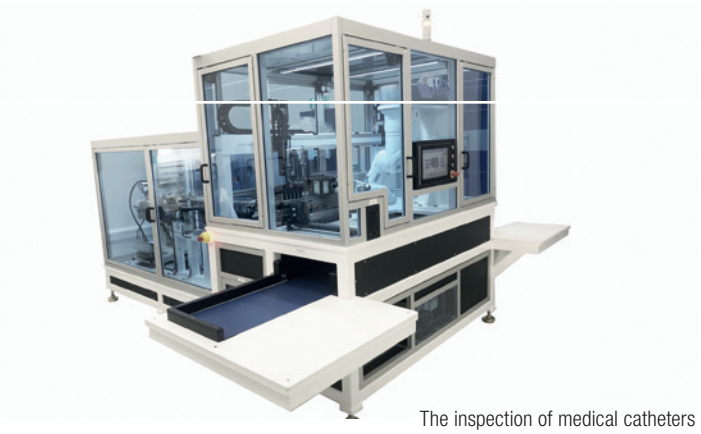
The future of robotics in medical device manufacturing

Stäubli Robotics provides automation solutions tailored for the medical device industry and broader life sciences sector. Its portfolio includes ESD-safe, cleanroom-compatible, and GMP- and FDA-compliant robots, designed for aseptic and harsh environments, enabling manufacturers to meet regulatory requirements while optimising efficiency. Stäubli sets the standard, with specialised expertise and adaptable solutions that help manufacturers improve scalability, process control, and technological innovation.

Member of

VDMA HealthTech
MEDICAL VALLEY Europäische Metropolregion Nürnberg

At MGA Technology, two robots, a Stäubli SCARA TS2-60 and a 6-axis TX2-90, work hand in hand during production of HME filters for ventilators.



The inspection of medical catheters is subject to the strictest standards.

Automated inspection of single-use medical devices

Medical catheter inspection is subject to the strictest standards. While visual inspections were once mandatory, robots and cameras now deliver outstanding results.

Enhanced quality control

A manufacturer of medical catheters automated the inspection process of its two-shot, two-material moulded products. With high precision and hygienic standards, two Stäubli TX2-60L robots handle and sort catheters after inspection. The robots are seamlessly integrated into a single programming platform via Stäubli's uniVAL plc robot controller.

Benefits:

- Consistent quality
- No human error
- Easy programming
- Maximum flexibility

Manufacturing a vital component for ventilators

A plastics manufacturer specialising in medical devices was asked to produce a critical component for ventilators: the housing for the heat and moisture exchanger (HME) filter.

Two robots for an ultra-efficient cell

The system uses a Stäubli 6-axis TX2-90 robot and a SCARA TS2 robot. The former collects the plastic filter parts from the injection moulding machine and places the housing base and its cover on a rotary table. After inserting the foam and the membrane, the 6-axis robot directs compliant parts to packaging and discards any non-compliant parts.

Benefits:

- Automated control of labels and certificates of origin
- High flexibility
- Safe traceability
- Increased productivity

STEIGER
Galvanotechnique SA

Name ›	Steiger Galvanotechnique SA
Address/P.O. Box ›	Pra de Plan 18
Postal Code/City ›	1618 Châtel-St-Denis
Country ›	Switzerland
Contact Person ›	Dr Jean-Claude Puippe
Telephone ›	+41-21-9482424
Email ›	info@steiger.ch
Website ›	www.steiger.ch
Number of Employees ›	55
Founded (year) ›	1885
Areas of Activity ›	Chemical and electrochemical surface treatments
Relevant R&D budget ›	500,000 €
External Collaborations ›	Research institutes, branch associations

Member of

MedicalMountains

Steiger Galvanotechnique SA, a company of the HORATEC GROUP, is a leader in the production and innovation of Surface treatments for medical and space applications, electronics and precision -mechanics, induding UV-LIGA Microelectroforming.

Approved surface treatments for medical applications are applied to titanium, stainless steel, and aluminium parts. Titanium and stainless steel materials are mainly used for implants. Titanium can be anodised by three different processes: colour anodisation (Biocoat®), alkaline anodisation (Biodize®), and glow discharge anodisation (Biocer®). Further surface treatments for Titanium and stainless steel include electropolishing (Biobright®) and passivation. For medical instruments in stainless steel or brass, a chromium layer, Medicrom, is approved for temporary contact with internal organs. Aluminium is used for instruments and apparatus components. Various aluminium anodisations are well-suited for the treatment of instruments: colour anodisation, hard anodisation, and Ematal which is suitable for contact with blood.

For stainless steel external fixators, where an antiseizing coating is required, the Ni-PTFE is a well-adapted solution.

Steiger Galvanotechnique SA offers a full package of services, including not only surface treatment but also the following steps: laser marking, final cleaning in biologically controlled water, packaging in an ISO 7 clean room, labelling, and sterilisation.

Steiger Galvanotechnique SA offers a transport service to simplify logistics and customs clearance formalities for customers near the Swiss border.

Steiger Galvanotechnique SA is very innovative in the development of new surface treatments and can offer solutions for bioactive and biofunctionalised surfaces on implants.

Dental implants

Two validated surface treatments are offered: glow discharge anodisation (Biocer®) and SLA functionalisation. Furthermore, the final cleaning, packaging in an ISO 7 clean room, labelling ,and sterilisation are provided.

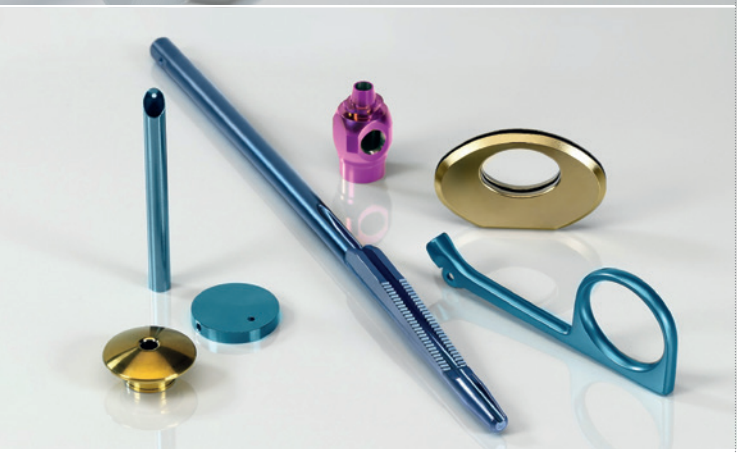
SPECTRACOAT®

SPECTRACOAT® is our latest development, featuring a coloured, wear-resistant coating applicable on titanium, stainless steel, copper alloys as well as ceramics and plastics. The coating is suitable for skin contact and is biocompatible, implantable and radio-opaque.

Femto laser marking

Our new investment in the femto LASER technology is driven by its capability to achieve black markings that are fully resistant to passivation and sterilisation, addressing the degradation issues commonly associated with nanosecond lasers. Another advantage of the femto LASER is its high-speed execution, which significantly reduces cycle time. The femto LASER can also be used for producing sandblasting textures, satin finishes, micro-machining, black markings on aluminium, and marking the inside of rings.

Steiger Galvanotechnique SA is certified as conforming to ISO 13485:2016; ISO 9001:2015.



STRUBL
Kunststoffverpackungen · Plug & Pack-Systeme

Name › **STRUBL GmbH & Co. KG**

Address/P.O. Box › **Richtweg 52**
Postal Code/City › **90530 Wendelstein**
State › **Bavaria**
Contact Person › **Dr. Christoph Strubl**
Telephone › **+49-9129-9035-0**
Email › **christoph.strubl@strubl.de**
Website › **www.strubl.de**
Founded (year) › **1949**

Areas of Activity ›
- **Pharma/Medtech packaging**
- **Plug&Pack**
- **Automationsystems**

Cleanroom packaging protects against contamination

Cleanroom production and packaging are a very important issue because the primary packaging has to preserve the product and process quality. Primary packaging for pharmaceutical and medtech products needs to meet the highest quality requirements. Hygiene and cleanliness are basic properties for plastic packaging materials. STRUBL Packaging has installed a highly professional cleanroom manufacturing process for cleanroom packaging materials based on ISO 14644.

Cleanroom production based on ISO14644 has become the standard for all markets that have to meet the highest requirements in hygiene and cleanliness, e.g. the pharmaceutical, medtech, lifesciences, and healthcare industries. These products are covered by continous quality management monitoring. This applies to active pharmaceutical ingredients (API) as well as plastic devices and components, implants, instruments, tubes, inhalers, valves, application tools, and numerous products used for laboratory applications and testkits.

Before leaving the cleanroom environment, these products have to be packaged to avoid any damage and contamination during subsequent handling and transportation operations. Therefore plastic packaging materials are the suitable solution. Plastic packaging materials such as bags, side-gusseted bags, zipbags, covers, films, and tubes are used in every step of the cleanroom process value chain as primary packaging materials.

Cleanroom packaging – the best way to avoid contamination

To be sure, that the primary packaging meets the cleanroom requirements, these packaging materials have to be produced in a suitable cleanroom environment as well. Special risks have to be checked:

- raw material risks: migration between packaging material and product
- process risks: particle emission during the handling process

Member of

MEDICAL VALLEY
Europäische Metropolregion Nürnberg

- logistic risks: packaging specifications
- product risks: sealability, seal strength, non-leaking seals

STRUBL cleanroom packaging

All products can be customised: the customer specifies dimensions and packaging requirements, such as labelling, as well as raw material conformities e.g. foodgrade/medicalgrade/pharmagrade. All products are suitable for gamma irradiation. If needed all products can be designed with antistatic surfaces.

cleanzip – zipbags in cleanroom quality

STRUBL has developed a cleanroom zipbag. These reclosable bags are used for numerous applications, but until now these standard bags were not available in cleanroom quality. Cleanzipbags can be used for laboratory applications such as sampling, archiving, and intermediate packaging. Cleanzipbags are manufactured in a GMP-based production system and meet the high requirements of pharmaceutical applications required by the GMP guidelines.

bag-in-bag – bagsystems

“Bag-in-bag systems” are systems that combine two or three bags. The bags are already placed within one another to simplify the packaging process for the customer. Thus the customer reduces their packaging efforts: with one single packaging process, both primary and secondary packaging are fulfilled. This reduces excessive handling and the risk of damaging the products.

Name › **S.I.E – System Industrie Electronic GmbH**

Address/P.O. Box › **Millennium Park 12**
Postal Code/City › **6890 Lustenau**
Country › **Austria**

Subsidiary: **S.I.E System Industrie Electronic Deutschland GmbH**

Address/P.O. Box › **Altstadt 72**
Postal Code/City › **84028 Landshut**
State › **Bavaria**
Telephone › **+43-5577-89900**
Fax › **+43-5577-89901**
Email › **info@sie.at**
Website › **www.sie.at**
Social Media ›

Number of Employees › **Over 120**
Founded (year) › **1994**

Areas of Activity ›
- Medical
- In vitro diagnostics
- ABL
- Government
- Security
- Safety & Security
- Industry

Annual Turnover › **€38m**

We are your partner for customised embedded systems – from IPCs and edge computing solutions to modern human machine interfaces that can be flexibly adapted to your requirements.

For intuitive interaction and maximum individuality

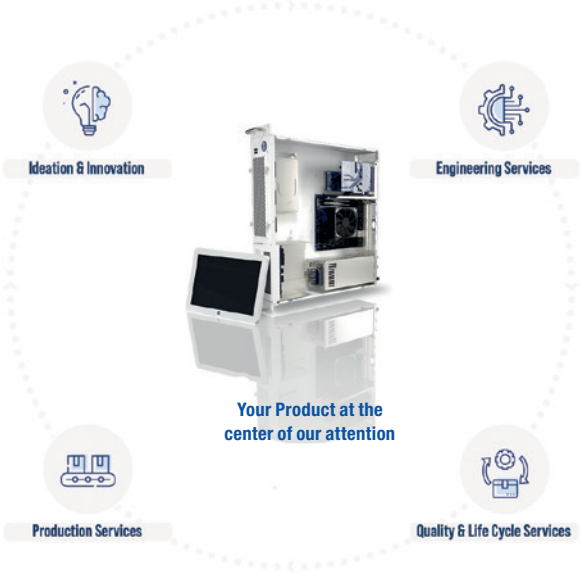
As a specialist in embedded computing systems and human machine interfaces, we have been developing and producing customised systems for over 30 years – from concept to series production.

With our Ready-2-Adapt platforms, we bridge the gap between standardisation and customisation – for faster, safer, and more economical product development.

Discover our Ready-2-Adapt platforms.

Member of

MedicalMountains



SYNTHERA® IPC PLATFORM

Flexibility meets efficiency – with your requirements in focus

SYNTHERA® is our Ready-2-Adapt embedded computing platform, which offers a broad portfolio of industrial PCs across various performance classes, designs, and industry-specific configurations, enabling fast and cost-efficient adaptation through partially standardised modules.

- Various designs and performance classes
- Certified CE-based platform products
- Time and cost savings through adaptable base products

SYNEXIS HMI PLATFORM

Customisable – High-performance – Cost-efficient

SYNEXIS is our Ready-2-Adapt HMI platform, which offers three integration options (panel, front, and flush mount) in a single solution and, thanks to partially standardised modules, provides targeted customisation where it counts – from interfaces to corporate design.

- Easy integration thanks to different mechanical options
- Outstanding readability and operation thanks to optically bonded IPS displays with high brightness
- Flexible expansion thanks to expansion interface

INTEGRATION OPTIONS

tailored precisely to each application area

Panel Standalone * FrontMount * FlushMount

TEBIT The Medical Group

Name › **TEBIT – The Medical Group**

Address/P.O. Box › **Zum Schnüffel 6**
Postal Code/City › **58540 Meinerzhagen**
State › **North-Rhine Westphalia**
Contact Person › **Jonas Wintersohle**
Telephone › **+49-2354-9295-102**
Email › **j.wintersohle@tebit.de**
Website › **www.tebit.de**
Social Media › in
Number of Employees › **100**
Founded (year) › **1988**

Areas of Activity › **Manufacturer and solution provider for medical technology applications. Focus on dental, trauma and medical devices.**

TEBIT – Medical technology ideas become reality

Since 1988, TEBIT – The Medical Group has embodied tradition and innovation in the Sauerland region of North Rhine-Westphalia. As a supplier and contract manufacturer, TEBIT produces components and assemblies for medical technology and implantology. TEBIT's identity is characterised by its familiar corporate culture and innovative spirit of development. Over 120 dedicated employees work every day to turn medical technology ideas into reality.

The two companies in the TEBIT Group, TEBIT Medical Devices GmbH and TEBIT Implants Technology GmbH, make it possible to offer customised solutions in medical device and system construction as well as in dental and surgical implantology.

Service portfolio

TEBIT supports its customers from the initial idea through to series production. Thanks to a highly qualified and experienced team of engineers and technologists, new components can be optimised during the product development process with a view to subsequent series production. Samples and additively manufactured prototypes, effective project management and standard-compliant documentation, including support for approval processes, round off the range of development support. The demanding requirements of the MDR and FDA for suppliers in medical technology are met and the long-standing certification according to DIN EN ISO 13485 demonstrates the commitment to the highest standards in medical technology.

Member of

VDMA HealthTech

TEBIT

The core competence of production lies in high-precision mechanical processing. Components made of stainless steel, aluminium, titanium and other medical implant materials are produced here. Thanks to a modern machine park consisting of sliding head automatic lathes, multi-spindle lathes and machining centres (5-axis simultaneous), the most diverse requirements can be implemented effectively and qualitatively.

Professional measuring technology, optical processes and a validated CAQ system enable efficient quality control and seamless batch traceability.

A wide range of technologies is available for finishing and surface treatment of the manufactured components. With a strong network and reliable partners in the supply chain, special requirements for surfaces of the highest quality and the necessary medical technology standards can also be realised.

In assembly, mechanical and electronic components are combined to form complex assemblies for medical device construction. Depending on requirements, it is also possible to carry out tensile, pressure and flow tests as well as customised assembly tests.

Since 2019, the service portfolio has been complemented by a modern ISO class 7 cleanroom, where validated cleaning and packaging processes ensure the highest process quality when packaging sterile components. Customised packaging solutions and efficient logistics make TEBIT a reliable partner for large and small manufacturers in the medical technology sector.

Name › Tradex-Services GmbH

Address/P.O. Box › Am Schlichtfeld 2
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State › Bavaria
Contact Person › Angie Löffler
Telephone › +49-8177-99822-0
Fax › +49-8177-99822-10
Email › info@tradex-services.com
Website › www.tradex-services.com
Number of Employees › 5
Founded (year) › 1998

Areas of Activity › Exhibitions

Tradex Services – Your full event service provider

As a highly specialised and well-established company, we support companies from Germany, Austria, and Switzerland in growing their business presence worldwide – physically and digitally.
We are collaborating with the largest exhibition organisers and are procuring floor space at many internationally renowned trade shows of different branches to offer exhibitors the comfort of showcasing their companies' capabilities easily and stress-free within our custom-built pavilion, individually or as a part of an official national or state pavilion. In addition to our basic services Tradexfairs and Tradexpavilion, based on our 20+ years of experience, we have developed unique digital tools to further enhance your company's presence on a global scale:

- Digital Exhibitor Catalogue XC (www.exhibitor-catalogue.com) – Be present all the time
- USC Card - A digital business card for lead generating compatible with all well-established CRM systems

Our interlocking tools, know-how, high level of customer service and carefully selected partner network are constantly at your service to ultimately provide you with the best support your company deserves – so you can fully concentrate on developing your business network and lead generation, resulting in a healthy ROI.

Digital Exhibitor Catalogue (XC)

Our digital exhibitor catalogue (XC) – 'Your Promotion and Advertising platform' – is a smart solution for tomorrow's standards and helps prepare exhibitors to always be one step ahead. A combination of several smart applications that support Marketing/Networking/Promotion/Advertising platforms, our services take international business development to a whole new interactive level.
Fully customised vBooths can be created, enabling you to present your products and services to specific target groups: worldwide and 24/7/365. They offer a blend of several interactive communication tools, such as video calls, live chat and screen sharing directly on your vBooth. All products and services can be linked to any relatable

content that will assist in the sales process, including webinars, tutorials, catalogues, social media, etc. In addition to this, we offer an integrated 'Business Appointment Scheduler', which helps you optimise your time at live events by coordinating your meetings.
Our digital exhibitor catalogue (XC) includes not only your basic company details, but also, in support of your physical show participation, your vBooth and a YouTube video which shows the 'route to your physical booth' and the 'route to your hall' in which your physical booth is located. This is a helpful promotion tool not only when you have a new location at a show or the show has moved into a new venue.
This gives your company the chance to stay visible all the time and provides you with a unique opportunity to announce your exact stand location at a specific trade show, further increasing your exposure. This way, your clients will always be able to find you during the show and you avoid missing business opportunities.

Ultra smart card – your digital business card

With our Ultra Smart Card, we offer a modern, efficient, sustainable and digital business card. Contact details exchange will take place as a give-and-take principle via NFC technology or via scanning a QR code. All the automatically generated and collected business leads including all contact details, notes, etc. will be stored in 'leads' for further processing. These leads can be easily imported into all well-established CRM systems. Inside each Ultra Smart Card profile, all clients can for example add products including pictures, as well as links to necessary websites, etc.
In addition to regular communication options, such as email and telephone, Ultra Smart Card offers an implementation of additional social media channels. These third-party provider products can be smoothly integrated into each account.

Name › Vargus

Address/P.O. Box › Mozartstrasse 11
Postal Code/City › 75438 Knittlingen
State › Baden-Wuerttemberg
Contact Person › Andreas Jäppche
Telephone › +49-7043-36-161
Fax › +49-7043-36-160
Email › anfrage@vargus.de
Website › www.vargus.de
Social Media ›
Number of Employees › 500
Founded (year) › 1960

Areas of Activity › Cutting tools for:
- Medical and Dental
- Automotive
- Aerospace
- Energy
- Oil & Gas

Member of

VARGUS

VARGUS is a world leading developer, manufacturer, and supplier of high-quality, precision threading, grooving, turning, parting-off and hand deburring tools. Established in 1960, VARGUS is the cutting tools division of the *NEUMO Ehrenberg Group*, a multinational organization headquartered in Germany. With 13 international subsidiaries, a network of distributors, warehouses, and certified ISO 9001 manufacturing facilities, VARGUS serves customers in more than 100 countries around the globe. VARGUS is committed to providing products and solutions of the highest quality and excellent value. *Vargus Deutschland GmbH* offers necessary technical support for our customers to find the best tools, optimal cutting conditions, and to improve quality and efficiency. A comprehensive range of stock is available for same-day delivery in addition to our facilities for manufacturing special tools.

Introducing VARGUS solutions for the medical industry

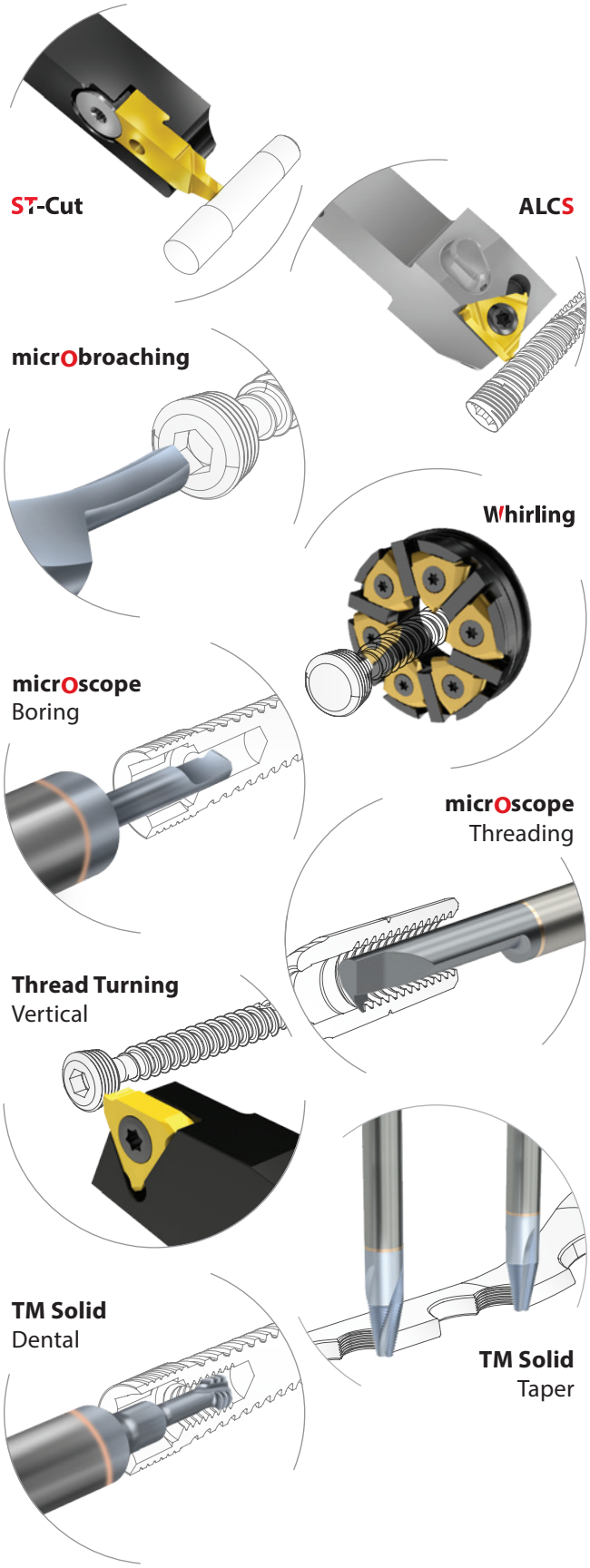
Keeping up with the demands for mass production and special tooling for the Medical Industry, VARGUS provides an encompassing range of solutions for the precise and detailed applications used in this rapidly growing industry. Whether it be the manufacturing of miniature dental implants, bone screws, bone plates, tulip heads, or other exact medical components, our precision tools provide you with the excellent VARGUS quality so well known in the metal-cutting industry. Biocompatible Titanium and Stainless-Steel are the most common materials used in the medical industry. With the VARGUS knowledge and experience, our skillful engineers developed advanced grades highly suitable for the strict requirements of medical applications.

Vargus solutions for the medical industry

ST-Cut Swiss-type tools

An innovative solution for machining small parts on Swiss type machines. Includes parting off, turning, grooving, and threading:

- Quick change of the insert inside the machine
- High repeatability of the cutting edge on all axes
- Cutting edge treatment for increased tool life



ALCS – thread turning toolholders

External thread turning toolholders for Swiss type machines with high pressure coolant:

- Right, left, back and bottom coolant inlets
- Two precise high-pressure coolant outlets
- Longer tool life and better chip evacuation

MicrObroaching

A modern design of broaching for Medical Industry requirements:

- Unique design for improved stability
- Fits popular driven tools
- Standard items for Hexagon & Torx

Whirling

For efficient machining of bone screws and dental implants:

- Fast machining with improved tool life
- Fits popular driven tools
- VARGUS threading quality

MicrOscope

Micro machining solutions for boring, grooving, profiling, chamfering and threading in bores as small as 0.5mm:

- Chip breaker and coolant thru available
- Shrink holder for increased stability

Thread Turning – vertical

- Slim throat holders for tight spaces
- Multi tooth available

TM Solid – thread milling

A very large variety of solutions of solid carbide thread mills including:

- Taper tools for bone plates. Straight and helical flutes available
- Reinforced throat for dental implant

VARGUS is your ideal partner, offering a wide selection of solutions for the most common dental and orthopaedic machining applications.

Follow us on social media and subscribe to our newsletter: *vargus.de/newsletter*

WEPPLER FILTER

Name ›	Weppler Filter GmbH
Address/P.O. Box ›	Zimmersmuehlenweg 61
Postal Code/City ›	61440 Oberursel
State ›	Hesse
Contact Person ›	Dr. A. Schulze Struchtrup
Telephone ›	+496171-7007-89
Email ›	a-schulze-struchtrup@weppler-filter.com
Website ›	www.weppler-filter.com
Number of Employees ›	270
Founded (year) ›	1935
Areas of Activity ›	| Precision Plastics | Micro Filtration | High-Speed Assembly
Annual Turnover ›	€58m
Relevant R&D budget ›	€3.2m
External Collaborations ›	| NeZuMed | Bayern Innovativ GmbH | medways e.V. | TecPart e.V.

About Us

As a family-owned company with a history of over 90 years, we combine tradition, innovation, and engineering excellence to deliver solutions that make a difference. Certified to ISO 13485, we are a trusted manufacturer of micro and precision filters as well as technical plastic components for medical applications.
Our mission is clear: to create tailor-made solutions that embody uncompromising quality, absolute cleanliness and outstanding precision.

Customised Solutions in Injection Moulding

Leveraging our expertise in micro- and precision filtration, cleanroom technology and in-house mould making, we provide complete injection moulding solutions for demanding applications – from concept to large-scale production.
Our highly automated, scalable systems deliver medium to very high volumes – over 100 million parts per year – with unmatched quality, precision, and reliability.
By working closely with our customers, we design innovative components that maximise functionality, efficiency and cost-effectiveness at every scale.

Quality without Compromise

Quality is not just a standard – it's our promise. From the first idea to the finished product, we maintain comprehensive process control across every stage of production. Every single component undergoes a 100% inspection, ensuring safety, traceability and full compliance with international regulations.

Our commitment to quality is reflected in:

- ISO 13485 certification – adherence to the highest quality standards
- In-house cleaning facilities – ensuring maximum cleanliness and purity
- Dedicated laboratory for residual contamination analysis – precise control at micro level
- Cleanroom technology – controlled environments for sensitive medical applications
- 100% quality control – rigorous inspection of every product leaving our facilities

Our Solutions

Our portfolio covers a comprehensive range of high-precision plastics processing for medical applications. From advanced injection moulding including over-moulding of filter media and inserts to fully automated production, assembly and testing processes – we deliver scalable solutions for both single components and complex assemblies.

With part weights ranging from less than 0.03 grams to over 600 grams, we offer maximum flexibility and application-specific material selection ensuring compliance with ISO 10993.

As a medium-sized, family-driven business, we combine decades of expertise with cutting-edge technology. This enables us to respond quickly, act flexibly, and deliver accuracy, efficiency and reliability at every stage.

Our customers benefit from:

- Partnership-based collaboration from concept to production
- Advanced manufacturing technologies for sophisticated geometries
- Sustainable production practices that combine environmental responsibility with economic efficiency, achieving CO_2 neutrality (GHG scope 2)
- Experience and certifications in related fields such as ISO 14001, ISO 50001, IATF 16949 and TISAX

Your Partner for Microfilters and Technical Plastic Components

Whether it's microfilters, technical plastic components or complex assemblies – we create solutions that unite functionality, safety and cost-effectiveness.

With our heritage, expertise and attention to detail, we support leading healthcare manufacturers in making medical devices safer, cleaner and more reliable. Ultimately contributing to what matters most: the health and well-being of patients.

ZECHA

Name › ZECHA Hartmetall-Werkzeugfabrikation GmbH

Address/P.O. Box › Benzstraße 2
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State › Baden-Wuerttemberg
Contact Person › Arndt Fielen
Telephone › +49-7232-3022-0
Email › info@zecha.de
Website › www.zecha.de
Social Media ›

Number of Employees › Ca. 130
Founded (year) › 1964

Areas of Activity ›
- Medical and dental technology
- Chronograph industry
- Tool and mould making

External Collaborations ›
- AlienTools GmbH
- MPK Special Tools GmbH
- ZECHA PRECISION TOOLS LIMITED

Member of

VDMA HealthTech

Precision runs through our veins: whether it is medical and dental technology, the watch industry, automotive engineering or tool and mould making. Where every micrometre matters, reliable, precise and high-quality tool solutions from ZECHA Hartmetall-Werkzeugfabrikation are essential.

Our relentless focus on micro-precision tools dates back to our origins in the watch industry and is a key factor in the successful global use of our high-quality tools in a wide range of industries.

Maximum precision for dental technology and implantology

Inlays, onlays, bridges, crowns or implants: ZECHA offers the perfect solution to every challenge. With diamond- and WAD-coated high-performance milling cutters and patented solid carbide thread milling cutters, ZECHA tools guarantee reliable results when machining zirconium oxide, cobalt chrome, titanium, plastics and wax – for first-class quality in dental and medical technology.

Perfecting Torx® interfaces

Precision is everything in medical technology. One example of this is the TORX® interface – a central connecting element between bone screws and screwdriver tools in the surgical field. ZECHA has developed special micro milling and drilling tools for the high-precision manufacture of these delicate contours in both titanium and stainless steel screws. Not only do they offer outstanding dimensional accuracy and surface quality, they also contribute significantly to the reproducibility and durability of the tools and therefore to a cost-effective clinical manufacturing process.

Expertise in bone plate manufacturing

ZECHA has extensive expertise in the high-precision machining of demanding materials such as titanium, stainless steel and special alloys – especially for complex components such as bone plates.

Customised tool solutions guarantee long service life, precise geometries and optimum chip removal – for maximum process reliability, reproducible quality and economical production, even with difficult-to-machine materials.

ZECHA HARTMETALL-WERKZEUGFABRIKATION

Challenges in machining PEEK

Machining demanding materials such as PEEK places the highest demands on tools and processes – especially in medical technology. ZECHA offers the perfect answer to this challenge through its innovative IGUANA range of tools.

Equipped with laser-finished cutting edges and an extremely wear-resistant, sealed diamond coating, IGUANA multi-cutters guarantee maximum efficiency, process reliability and impressive results – even with abrasive materials such as non-ferrous metals, copper or PEEK.

Ice cold precision in action

When it comes to the precise and reliable machining of demanding materials, the KINGFISHER tool line sets new standards. Developed for maximum performance, it combines optimised tool geometry, innovative cooling strategies and state-of-the-art WAD coating technology.

Highlight: Two integrated cooling concepts (SC cooling channels in the shank and IC internal cooling) deliver the cooling medium directly to the cutting edge and flute, leading to higher cooling performance, longer tool life and consistently excellent results.

Reliable machining of demanding materials

Whether it is titanium, stainless steels, special alloys up to 2,200 N/mm², or the pre-scratching of softer steels up to 58 HRC: the QUEEN BEE stands for maximum dimensional accuracy, extended service life and maximum process reliability – ideal for applications where absolute precision is essential.

The specially designed central cutting edge enables outstanding surface qualities even in flat areas – in both dry and wet machining. Specially developed cutting edges and microgeometries ensure optimum chip removal and particularly smooth running – crucial when machining delicate and complex components.

ZELTWANGER

Name › Zeltwanger Group

Website › www.zeltwanger.com
Social Media › in
Number of Employees › >450
Founded (year) › 1982

Name › Zeltwanger Leak Testing & Automation GmbH
Address/P.O. Box › Maltschachstraße 32
Postal Code/City › 72144 Dußlingen
State › Baden-Wuerttemberg
Telephone › +49 7072 92897-501
Email › office.lta@zeltwanger.de

About Zeltwanger

ZELTWANGER is a market and technology leader in the field of leak testing with air and tracer gases, with a strong focus and long-standing experience in the medical technology and biopharmaceutical industries. Our customers benefit from our holistic approach: We provide state-of-the-art, user-friendly, and highly reliable testing technology with individually tailored adaptations for their products. In addition, we support them through preliminary investigations and offer guidance in selecting the appropriate testing methods. We also provide training in the use of the testing technology, as well as comprehensive after-sales services, including certified calibrations and spare parts supply.

Ensuring Outstanding Quality

Ensuring the highest quality and reliability in medical devices is critical because it directly impacts human lives. We contribute to this objective with advanced leak testing products, including endoscope leak testers and leak testing solutions for medical single-use systems, which play a vital role in safeguarding the integrity of medical devices and medical equipment.

Leak Testing with Air

While tests with fluids (e.g. bubble test) are still common, pressure decay tests offer a cost-efficient alternative that stands out for its traceability and operator-independent results. Those characteristics are ideal for testing

- Catheters
- (Bioprocess) bags
- Endoscopes
- Tubing systems
- Lab components

Member of

VDMA HealthTech
MedicalMountains

ZEDcore Measuring Module

The heart of our leak testing devices is the measuring module ZEDcore. It contains the measuring circuit – with choices of different methods such as relative pressure, differential pressure, mass flow, or others. Integratable into each ZELTWANGER device, it offers the utmost precision throughout the whole product family.

Solutions with Tracer Gases

Aspects like the integrity of sterile barriers require a higher sensitivity in some cases. Different methods with helium as a tracer gas offer the highest sensitivity. Possible applications are

- Bioprocess bags, where it's sometimes necessary to test big volumes for defects of the size of 2 µm or less
- Packaging with a sterile barrier
- Cardiovascular implants

Helium Systems

A process as complex as a helium test requires specified solutions for each application. Therefore, each ZELTWANGER leak test station including a helium test is catered to the customers' needs.

The ZEDfamily

Various demands require different solutions. Devices for one or two measuring circuits, devices for up to eight measuring circuits, or semi-/fully-automated leak test stations – the product family contains the perfect solution for every need, controllable via touch screen, different digi-I/-O solutions, or an external PLC.

Thanks to our extensive experience, our comprehensive knowledge, and our diverse product family, ZELTWANGER is your excellent partner in leak testing.

German Medtech Companies

The register contains cluster members and associated companies of:

HIN:	Health Innovation Network at Bayern Innovativ GmbH
IVAM:	Microtechnology Network
MM:	Cluster MedicalMountains
MTSW:	MicroTec Südwest
MV:	Medical Valley European Metropolitan Region of Nuremberg
SPECTARIS:	German Hightech Industry Association
VDMA:	The Mechanical Engineering Industry Association

2be_die Markenmacher GmbH, Nürnberg (MV)
2E mechatronic GmbH & Co. KG, Kirchheim unter Teck (MM)
2W Technische Informations GmbH & Co. KG, München (VDMA)
3Deus Dynamics, Rillieux-La-Pape (HIN)

A

A.R.C. Laser GmbH, Nürnberg (MV, HIN)
AB-CT - Advanced Breast-CT GmbH, Erlangen (MV)
ABB AG, Mannheim (MTSW)
Abbott Deutschland GmbH, Wiesbaden (SPECTARIS)
ABF-Pharmazie GmbH & Co. KG, Fürth (MV)
acad group GmbH, Heilsbronn (MV, HIN, VDMA)
ACE Stoßdämpfer GmbH, Langenfeld (VDMA)
Ackermann Instrumente GmbH, Rietheim-Weilheim (MM)
ACM Coatings GmbH (subsidiary of Acktar Ltd.), Naumburg (Saale) (IVAM)
acp systems AG, Ditzingen (MTSW, MM)
ACSYS Lasertechnik GmbH, Kornwestheim (MM, VDMA)
acterience management partners GmbH & Co. KG, Hersching (MV)
Actimage GmbH, Kehl (MM)
ADAPT Localization Services GmbH, Bonn (HIN)
add research - Personalberatung für Medizintechnik, Liederbach am Taunus (MM)
add'n solutions GmbH & Co. KG, Wurmlingen (MM)
Additive Willmann, Löffingen (MM)
Adelbert Haas GmbH, Trossingen (VDMA)
Admedes GmbH, Pforzheim (MTSW)
ADT Angst Drehteile GmbH & Co. KG, Frittlingen (MM)
advanced fiber tools GmbH, Mittweida (IVAM)
ADVANOVA GmbH, Schwaig b. Nürnberg (MV)
ADVITOS GmbH, München (HIN)
AEMtec GmbH, Berlin (IVAM)
Aesculap AG, Tuttlingen (MM)
AESCULAP AKADEMIE GmbH, Bochum (SPECTARIS)
AFRA GmbH, Erlangen (MV)
AGRODUR Grosalski GmbH & Co. KG, Bad Berleburg (MM)
Ahead Care GmbH, Erlangen (MV, HIN)
AimValley B.V., Hilversum (MM)
air-be-c Medizintechnik GmbH, Gera (SPECTARIS)
AIT Austrian Institute of Technology GmbH H&E Molecular Diagnostics, Wien (HIN)
Ajambow GmbH, Borsdorf (MV)
Akkodis Edge Germany GmbH (ehem. Data Respons Solutions GmbH), Erlangen (MV)
AKP GmbH, Freiburg (MM)
AKTORmed GmbH, Neutraubling (HIN)
Albert-Ludwigs-Universität Freiburg IMTEK, Freiburg (MTSW)
ALBIS Distribution GmbH & Co. KG, Hamburg (VDMA)
Albomed GmbH, Schwarzenbruck (MV)
Albrecht Präzision GmbH & Co. KG, Wernau (VDMA)
Alcon Deutschland GmbH, Aschaffenburg (SPECTARIS)
Alfred H. Schütte GmbH & Co. KG, Köln (VDMA)
Aligned AG, Zürich (MM)
ALL4NET GmbH, Villingen-Schwenningen (MM)
Alleima Karlsruhe GmbH, Karlsruhe (MM)
Allied Vision Technologies GmbH, Stadtroda (VDMA)
ALLISTRO GmbH, Frankfurt (MV)
ALLTEC Angewandte Laserlicht Technologie GmbH, Selmsdorf (MM)
ALPO Medizintechnik GmbH, Auerbach (MV, HIN)
ALS Automated Lab Solutions GmbH, Jena (SPECTARIS)
AMIPLANT GmbH, Schnaittach (MV)
AMNOTEC International Medical GmbH, Neuhausen o.E. (MM)
AmplexDiagnostics GmbH, Gars Bahnhof (HIN)
ams Sensors Germany GmbH, Nürnberg (IVAM)
ANCA Europe GmbH, Weinheim (VDMA)
Anderson Europe GmbH, Detmold (VDMA)
Andreas Hettich GmbH, Tuttlingen (SPECTARIS, MM)
ANDREAS MAIER GmbH & Co. KG, Fellbach (VDMA)
Andritz AG, Graz (A) (VDMA)
Andritz Diatec S.R.L, I-Collecorvino (VDMA)
Angiolutions GmbH, Hannover (HIN)
Antaks GmbH, München (MV)
Anton Hipp GmbH, Fridingen an der Donau (MM)
ANTRIMON Deutschland GmbH, Aldingen (MM)
ANXO Management Consulting GmbH, Frankfurt am Main (MM)
anyplace IT GmbH, Wurmlingen (MM)
AOK Bayern - Die Gesundheitskasse, München (HIN)
AP&S International GmbH, Donaueschingen (MTSW, MM)
APAG Cosyst Control Systems GmbH, Nürnberg (MV)
Apotheke Schug e. K., Eschenbach (MV)
APT Advanced Polymer Tubing GmbH, Neuss (VDMA)
Aptean Germany GmbH, Ettlingen (MM, VDMA)
ARBURG GesmbH, Wien (VDMA)
ARBURG GmbH + Co KG, Loßburg (VDMA, MM)
Armbruster GmbH, Steinach (MM)
AS Automation GmbH, Bamberg (MV)
AS Medizintechnik GmbH, Tuttlingen (MM)
ASANUS Medizintechnik GmbH, Neuhausen ob Eck (MM, SPECTARIS)

ascendi MEDIZINTECHNIK, Nürnberg (MV, HIN)
ASCO Numatics GmbH, Ölbronn-Dürrn (VDMA)
Asoko Consulting, Forchheim (MV)
ASPINA GmbH, Eschborn (VDMA)
ASPROVA AG, Wetzlar (VDMA)
ASQF e.V., Potsdam (MV)
ASSKEA GmbH, Gebesee (SPECTARIS)
AstraCon GmbH, Bernried (HIN)
Astrum IT GmbH, Nürnberg (MV, MM)
asvin GmbH, Stuttgart (MTSW)
Asys-Tecton GmbH, Mönchweiler (MM)
Athegus GmbH, Grünwald (VDMA)
ATMOS MedizinTechnik GmbH & Co. KG, Lenzkirch (MM, SPECTARIS)
ATR Software GmbH, Neu-Ulm (MTSW)
Auerhammer Metallwerk GmbH, Aue-Bad Schlema (IVAM)
August Reuchlen GmbH, Tuttlingen (MM)
Automation W+R GmbH, München (VDMA)
avasis GmbH, Karlsruhe (MM)
AVERNA GmbH, Landau (VDMA)
AVURA GmbH, Villingen-Schwenningen (MM)
Awinia GmbH, Freiburg (MTSW)
aXcent medical GmbH, Lahnstein (SPECTARIS)
AXYNTEC Dünnschichttechnik GmbH, Augsburg (IVAM)

B

B Nex Webdesign Agentur | Royal Goods oHG, Eckental (MV)
b-xcellent Management Services, Mahlstetten (MM)
B. Braun Miethke GmbH & Co. KG, Potsdam (SPECTARIS)
B. Ketterer Söhne GmbH & Co. KG., Furtwangen (MM)
B.Braun Avitum Saxonia GmbH, Radeberg (SPECTARIS)
B&W Engineering und Datensysteme GmbH, Stuttgart (MM)
Babtec Informationssysteme GmbH, Villingen-Schwenningen (MM)
Baden-Württemberg International Gesellschaft für internationale wirtschaftliche und wissenschaftliche Zusammenarbeit mbH, Stuttgart (MTSW)
BadenCampus GmbH & Co. KG, Breisach (MTSW)
Bahia Software S.L.U., Ames (MV)
Baker Tilly Holding GmbH, Düsseldorf (MV)
Balluff GmbH, Neuhausen (VDMA)
Bäramed Instrumente GmbH, Schwenningen (MM)
Bartels Mikrotechnik GmbH, Dortmund (IVAM)
Basler AG, Ahrensburg (VDMA)
Bauer und Häselbarth – Chirurg GmbH, Ellerau (MM, SPECTARIS)
BAUMANN Engineering OHG, Herbolzheim (MM)
Baumüller Nürnberg GmbH, Nürnberg (VDMA)
bayer Feinwerk GmbH & Co.KG, Villingen-Schwenningen (MM)
Bayerisches Laserzentrum GmbH, Erlangen (MV)
Bayoomed GmbH, Darmstadt (SPECTARIS, MM)
BAYOONET GmbH & Co. KG, Darmstadt (MV)
BayStartUp GmbH, Nürnberg (MV)
BBC Cellpack Technology, Villmergen (MM)
BBS Automation Hallbergmoos GmbH, Hallbergmoos (VDMA)
BCAUS GmbH, Nürnberg (MV)
be-on-quality GmbH, Reichenschwand (MV, HIN)
BEAS Technology GmbH, Chemnitz (VDMA)
Becker Ventures GmbH, München (HIN)
Beetz & Partner mbB Patentanwälte, München (HIN, MM)
Belimed GmbH, Mühldorf (SPECTARIS)
BEMA GmbH + Co. KG, Emmingen-Liptingen (MM)
Berlin Cert GmbH, Berlin (MM)
BERNSTEIN AG, Porta Westfalica (VDMA)
Bertrandt Medical GmbH, Ehningen (MV, MM)
Berufliche Bildungsstätte Tuttlingen GmbH, Tuttlingen (MM)
Bess AG, Berlin (SPECTARIS)
betatron bio GmbH, Münster (IVAM)
Beutter Präzisions-Komponenten GmbH & Co. KG, Rosenfeld (MM, IVAM)
Bezirkskliniken Mittelfranken, Ansbach (MV)
BGS Beta-Gamma-Service GmbH & Co. KG, Wiehl (MM)
bien plus team GmbH, Spaichingen (MM)
BILZ Werkzeugfabrik GmbH & Co. KG, Ostfildern (VDMA)
binder Innovations- & Technologie Zentrum (ITZ), Bad Rappenau (MTSW)
Bio-Gate AG, Nürnberg (MV, HIN)
BioCer Entwicklungs-GmbH, Bayreuth (HIN)
BiocompTox GmbH, Ludwigslust (MM)
BioKat Systeme GmbH, Lahr (MM)
BioMed Center Innovation gGmbH, Bayreuth (MV, HIN)
BioPark Regensburg GmbH, Regensburg (HIN)
BIOPRO Baden-Württemberg GmbH, Stuttgart (MTSW)
BioVariance GmbH, Waldsassen (MV)
BIOVOX GmbH, Darmstadt (HIN, VDMA)
Black Forest Medical GmbH, Freiburg im Breisgau (MM)
Blaser Swisslube GmbH, Stuttgart (MM, VDMA)
Blended Clinic AI GmbH, Nürnberg (MV)
Bloss-Systems GmbH , Wendelstein (MV)
Bluetest Testservice GmbH, Leonberg, Württ (MTSW)
Blutspendedienst des Bayerischen Roten Kreuzes gGmbH Institut für Transfusionsmedizin München, München (HIN)
BMC-PRIMA GmbH, Uhingen (MM)
BMF GmbH, Grüna (VDMA)
BMP Competence GmbH, Alsdorf (HIN)
Bo-Inno GmbH, Mittelbiberach (MM)
Boehringer Ingelheim microParts GmbH, Dortmund (IVAM)
BOGE KOMPRESSOREN Otto Boge GmbH & Co. KG, Bielefeld (VDMA)
Borer Chemie AG, Zuchwil (MM)
Bornholdt Lee GmbH, Hamburg (MV)
Bosch + Sohn GmbH u. Co. KG, Jungingen (SPECTARIS)
Bossert+Kast GmbH + Co. KG, Pforzheim (MM)
BoxQM, Geisingen-Gutmadingen (MM)
BQS Best Quality Solutions GmbH, Leverkusen (MM)
Brainport Industries Cooperatie U.A., BX Eindhoven (HIN)
Breas Medical GmbH, Herrsching (SPECTARIS)
Breathment UG, Breisach am Rhein (MV)
Breinlinger Ingenieure, Tuttlingen (MM)
BRIEM Steuerungstechnik GmbH, Nürtingen (MM)
BrightHills LLC, Györ (MV, MM)
Bristol-Myers Squibb GmbH & Co. KGaA, München (HIN)
bronner+martin KG, Emmingen-Liptingen (MM)
Brown IT-Sicherheit, Bad Neustadt a. d. Saale (HIN)
Brückner Group GmbH, Siegsdorf (VDMA)
Brunner Electronic GmbH, Euerbach (HIN)
BSI Group Deutschland GmbH, Frankfurt am Main (MM)
Bucher Stahlhandel GmbH, Zimmern ob Rottweil (MM)
BuildLine GmbH, Villingen-Schwenningen (MM)
Bürkert GmbH & Co. KG, Ingelfingen (VDMA)

Burmeier GmbH & Co. KG, Hiddenhausen (SPECTARIS)
Business Innovation Engineering Center (BIEC), Stuttgart (MM)
Business Upper Austria – OÖ Wirtschaftsagentur GmbH, q (MV)
bwcon e.V., Stuttgart (MTSW)
bwcon GmbH, Stuttgart (MM)
BYRD.Health GmbH, Mannheim (MM)
Bytec Medizintechnik GmbH, Eschweiler (HIN, MM, VDMA)

C

C-tec Cleanroom-Technology GmbH, Kusterdingen (MM)
C. Bruno Bayha GmbH, Tuttlingen (MM)
C. HAFNER GmbH & Co. KG, Wimsheim (MM)
C. Otto Gehrckens GmbH & Co. KG, Pinneberg (VDMA)
C.R.S. iiMotion GmbH, Villingen-Schwenningen (MM)
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Cadida Software GmbH, Freiburg im Breisgau (MM)
Camfil GmbH, Reinfeld (VDMA)
camLine GmbH, Dresden (IVAM)
camLine GmbH, Petershausen (MM)
Camozzi Automation GmbH, Albershausen (VDMA)
CANDOR Bioscience GmbH, Wangen (MTSW)
Canto Ing. GmbH, Lüdenscheid (MM)
CapnoPharm GmbH, Tübingen (MM)
CAQ AG Factory Systems, Rheinböllen (MM)
Carl Benzinger GmbH, Pforzheim (VDMA)
Carl Haas GmbH, Schramberg (MM)
Carl Teufel GmbH & Co. KG, Emmingen-Liptingen (MM)
Carl Zeiss Industrielle Messtechnik GmbH, Oberkochen (VDMA)
Carl Zeiss IQR GmbH, Oberkochen (VDMA)
Carl Zeiss IQS Deutschland GmbH, Oberkochen (MV, MM)
Carl Zeiss Meditec AG, Jena (SPECTARIS)
Carl Zeiss Meditec AG, Oberkochen (MM)
Carl Zeiss MES Solutions GmbH, Ulm (VDMA)
Carlsquare GmbH, München (MV)
CCS-Consulting, Schwabach (MV)
Ceatec Medizintechnik GmbH, Wurmlingen (MM)
CEMEC GmbH, Spalt (MV)
Cendres+Métaux SA, Biel/Bienne (MM)
CeramOptec GmbH, Bonn (IVAM)
CertHub GmbH, München (MV, HIN, MM)
cetecom advanced GmbH, Essen (VDMA)
CEyoo GmbH, Mannheim (MV)
ChatDok UG, Düsseldorf (MV)
ChemLogis GmbH, Tübingen (MM)
Cherry Digital Health GmbH , München (MV)
Chimaera GmbH, Erlangen (MV)
Chips 4 Light GmbH, Sinzing (IVAM)
CHIRON Group SE, Tuttlingen (MM, VDMA)
Chr. Mayr GmbH + Co. KG, Mauerstetten (VDMA)
Christian Diener GmbH, Tuttlingen (MM)
Christian Dunkel GmbH Werkzeugbau, Berlin (VDMA)
Christoph Miethke GmbH & Co. KG, Potsdam (SPECTARIS)
Chroma Technology GmbH, Olching (IVAM)
Cicor Group, Bronschhofen
CiNNAMED GmbH, Erlangen (MV)
CiS Forschungsinstitut für Mikrosensorik GmbH, Erfurt (IVAM)
Citizen Machinery Europe GmbH, Esslingen (VDMA)
Clean4Med GmbH, Singen (MM)
CleanControlling Medical GmbH & Co. KG, Emmingen-Liptingen (MM)
CLI TRI Solutions, Nürnberg (MV)
Clinaris GmbH, Garching bei München (HIN)
Clinovate Net GmbH & Co. KG, München (HIN)
Cloudflight Germany GmbH, Kiel (VDMA)
CMC Medical AG, Wurmlingen (MM)
CodeCamp:N GmbH, Nürnberg (MV)
Coherent Kaiserslautern GmbH, Kaiserslautern (IVAM)
Coherent Munich GmbH & Co. KG, Gilching (VDMA)
COLANDIS GmbH, Kahla (VDMA)
Comma Soft AG, Bonn (MV)
Compugraphics Jena GmbH, Jena (IVAM)
Compumedics Germany GmbH, Singen (MM)
Comretix GmbH, Tuttlingen (MM)
Concept Laser GmbH, Lichtenfels (VDMA)
Condor MedTec GmbH, Salzkotten (SPECTARIS)
Conntec GmbH, Baiersdorf (MV)
CONTACT Software GmbH, Bremen (VDMA)
Continental Engineering Services GmbH, Regensburg (HIN)
ContiTech Deutschland GmbH, Freiburg (MTSW)
Corpus-C Design Agentur GmbH, Fürth (MV)
Corscience GmbH & Co. KG, Erlangen (MV)
CorTec GmbH, Freiburg (IVAM)
COWA Service Gebäudedienste GmbH, Gottmadingen (MM)
CPM Precision GmbH, Hirschberg an der Bergstraße (MM)
CRETEC GmbH, Villingendorf (MM)
Critical care - Gesellschaft für home care Medizintechnik GmbH, Schmalfeld (SPECTARIS)
Cryoalfa Europe GmbH, Radebeul (MM)
CSA Group Bayern GmbH, Plattling (MM)
CSP GmbH & Co. KG, Großköllnbach (VDMA)
cureVision GmbH, München (MV)
Cytox Biologische Sicherheitsprüfungen, Bayreuth (HIN)

D

danumed Medizintechnik GmbH, Regensburg (SPECTARIS)
DataPhysics Instruments GmbH, Filderstadt (MTSW)
Datlowe, s.r.o., Prag (MV)
DATRON AG, Mühltal (VDMA)
DBK EMS GmbH & Co. KG, Rülzheim (MM)
DC Advisory, Frankfurt am Main
ddm hopt+schuler GmbH & Co. KG, Rottweil (MM)
Decomplix AG, Bern (MM)
deepc GmbH, München (HIN)
Degenhartt Consulting, Ludwigshafen am Rhein (MM)
delbramed GmbH, Frittlingen (MM)
DEMA Präzisionsteile GmbH, Georgensgmünd (MV)
Denso Europe B.V., Weesp (NL) (VDMA)
Dental Direkt GmbH, Spenge (SPECTARIS)
derma2go GmbH, München (MV)
detect – SensorikNet e.V., Erfurt (IVAM)
Deutsche Institute für Textil- und Faserforschung Denkendorf (DITF), Denkendorf (HIN, MM)
Deutsches Institut für Ergonomie und Usability (INERUS), Friedrichshafen (MM)
Deutsches Telemedizin Zentrum e.V., Nürnberg (MV)

Deutsches Zentrum für Luft- und Raumfahrt e.V., Oberpfaffenhofen-Weßling (HIN)
DeVilbiss Healthcare GmbH, Mannheim (SPECTARIS)
DEWIMED Medizintechnik GmbH, Tuttlingen (MM)
DextraData Healthcare Technologies GmbH, Essen (HIN)
DG Digitales Gesundheitswesen GmbH, München (HIN)
digiraster GmbH & Co. KG, Stuttgart (MTSW)
Digital Dental & Healthcare Technology GmbH & co. KG, Grünwald (MV)
Digital Health Port GmbH, Pinneberg (MM)
DITABIS AG, Pforzheim (SPECTARIS, MM)
DITF - Deutsche Institute für Textil- und Faserforschung, Denkendorf (VDMA, MTSW)
DMB-Apparatebau GmbH, Wörrstadt (SPECTARIS)
DMG MORI Additive GmbH, Bielefeld (VDMA)
DMG MORI AG, Bielefeld (VDMA)
DMG Mori Pfronten GmbH, Pfronten (VDMA)
DMG MORI Schweiz AG, Winterthur (MM)
DMG MORI Seebach GmbH, Seebach (VDMA)
DMG MORI Ultrasonic Lasertec GmbH, Stipshausen (VDMA)
DMT Produktentwicklung GmbH, Nufringen (MM)
DOCERAM GmbH, Dortmund (VDMA)
DOCUFY GmbH, Bamberg (VDMA)
Donat IT GmbH, Ingolstadt (MV)
Doppkon GmbH & Co. KG, Spaichingen (MM)
DOREY SA, Chatillon St-Jean (F) (VDMA)
Dornier MedTech GmbH, Weßling (SPECTARIS)
doubleSlash Net-Business GmbH, Friedrichshafen (MM)
dp dreher partners gmbh & Co. KG, Tuttlingen (MM)
DPMiD / Livasto GmbH, Volkertshausen (MM)
DQS Medizinprodukte GmbH, Frankfurt am Main (MV, MM)
Dr. Gassner & Partner mbB Patentanwälte, Erlangen (MV)
Dr. Heinrich Schneider Messtechnik GmbH, Bad Kreuznach (VDMA)
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Dr. K. Hönle Medizintechnik GmbH, Gilching (SPECTARIS)
Dr. Mach GmbH + Co., Grafing b. München (SPECTARIS)
Drägerwerk AG & Co. KGaA, Lübeck (SPECTARIS)
Drescher Consulting GmbH, Stuttgart (MM)
DRG-Control e. K., Forchheim (MV)
DS Automation GmbH, Linz (A) (VDMA)
DSG-Canusa GmbH, Rheinbach (VDMA)
Duale Hochschule Baden-Württemberg Villingen-Schwenningen (DHBW), Villingen-Schwenningen (MM)
duotec GmbH, Delémont (MM)
duotec GmbH, Halver (IVAM)
Dürr AG, Bietigheim-Bissingen (VDMA)
DVT-Referenzzentrum GmbH, Marburg (HIN)

E

e.l.zepf GmbH, Tuttlingen (MM)
eagleyard Photonics GmbH, Berlin (IVAM)
EasyChinapprov, Neu-Ulm (MV)
ebm-papst Mulfingen GmbH & Co. KGaA & Co. KG, Mulfingen (VDMA, MM)
ebm-papst St. Georgen GmbH & Co. KG, St. Georgen (VDMA)
Ebnet Medical GmbH, Schwerin (IVAM)
ebo kunze |industriedesign, Neuffen (MM)
ECE Training GmbH, Erlangen (MV)
Eckelmann AG, Wiesbaden (VDMA)
ecsec GmbH, Michelau (MV)
EDAG Engineering GmbH, München (MM)
effeqt GmbH, Dietingen (MM)
Efforma Concepts GmbH & Co. KG, Nürnberg (HIN)
Eggers Medical & X-Ray GmbH, Dürmentingen (MM)
EGT AG, Triberg im Schwarzwald (MM)
Ehrfeld Mikrotechnik GmbH, Wendelsheim (IVAM)
EISELE GMBH, Waiblingen (VDMA)
ELANTAS Europe GmbH, Hamburg (MTSW)
elektron Systeme und Komponenten GmbH, Weißenohe (MV)
elero GmbH Lineartechnik, Pößneck (VDMA)
Elevait GmbH & Co. KG, Triberg (MM)
Ellecom GmbH, Efringen-Kirchen (MM)
Elma Schmidbauer GmbH, Singen (Hohentwiel) (MM)
ELMOS Semiconductor SE, Dortmund (IVAM)
elobau GmbH & Co. KG, Leutkirch (VDMA)
ELSCHUKOM GmbH, Veilsdorf (IVAM)
ELTRO Gesellschaft für Elektrotechnik mbH, Baesweiler (VDMA)
Eltroplan Industrial GmbH, Stockach (MM)
embeX GmbH, Freiburg (MTSW)
Emerson Automation Solutions AVENTICS GmbH, Laatzen (VDMA)
emktec Technical Services , Schramberg (MM)
EMOS Technology GmbH, Illmensee (MM)
Empolis Information Management GmbH, Würzburg (VDMA)
en.co.tec Schmid KG, Wien (HIN)
encee GmbH, Ursensollen (MM)
Endox Feinwerktechnik GmbH, Dettingen an der Erms (MM)
Endress+Hauser Group Services AG, Reinach BL1 (MTSW)
ENGEL AUSTRIA GmbH, Schwertberg (Österreich) (VDMA)
ENGEL Deutschland GmbH, Wurmberg (MM)
ENSINGER GmbH, Nufringen (MTSW)
EnviroFALK GmbH Prozesswasser-Technik, Westerburg (VDMA)
EOSWISS Engineering Sàrl, Genève (MM)
EP Electronic Print GmbH, München (VDMA)
EPflex Feinwerktechnik GmbH, Dettingen (MM)
EPnP Medical GmbH, Neuhausen (IVAM)
Eppendorf SE, Hamburg (SPECTARIS)
Erbe Elektromedizin GmbH, Tübingen (MM)
ERCHINGER AG, Tuttlingen (MM)
Erdmann Solutions AG, Neuhausen am Rheinfall (MM)
Ergo-Tec GmbH, Wilhelmsdorf (MV, HIN)
ERKA Kallmeyer Medizintechnik GmbH & Co. KG, Bad Tölz (SPECTARIS)
ERMAFA Sondermaschinen- und Anlagenbau GmbH, Chemnitz (VDMA)
ERMIS MedTech GmbH, Tuttlingen (MM)
ERNI (Deutschland) GmbH, München (VDMA)
Ernst Krauskopf - Fabrik für chirurgische und zahnärztliche Instrumente, Solingen (SPECTARIS)
Ernst REINER GmbH & Co. KG, Furtwangen (MTSW)
Eroform GmbH, Eschbronn-Locherhof (MM)
Eschenbach Optik GmbH, Nürnberg (SPECTARIS)
EsCo Orthopädie-Service GmbH, Remscheid (SPECTARIS)
ESPRiT Engineering GmbH, München (MV)
ess Mikromechanik GmbH, Stockach (MTSW, MM)
Essilor GmbH, Braunschweig (SPECTARIS)
ETA Kunststofftechnologie GmbH, Troisdorf (VDMA)
ETO MAGNETIC GmbH, Stockach (VDMA)
Eurofins Inpac Medizintechnik GmbH, Birkenfeld (MM)

Eurofins Product Service GmbH, Reichenwalde (MM)
Eurofins Steripac GmbH, Calw-Altburg (MM)
evonos GmbH & Co. KG, Tuttlingen (MM)
EVOSYS Laser GmbH, Erlangen (MV, HIN)
EVYTRA GmbH, Villingen-Schwenningen (MM)
EWELLIX GmbH, Schweinfurt (VDMA)
Exentis Group AG, Stetten (MM)
exeron GmbH, Oberndorf (MM)
Expanite GmbH, Frickenhausen (MM)
EXPERTANTS GmbH, Frankfurt am Main (MM)
Experts Institut Beratungs GmbH, Neustadt an der Weinstraße (MV)
Extheria GmbH, Breisach am Rhein (MTSW)
eyeQ Instruments AG, Schwerzenbach (MM)

F

F. & M. Lautenschläger GmbH & Co. KG, Köln (SPECTARIS)
F. REYHER Nchfg. GmbH & Co. KG, Hamburg (VDMA)
F&W Frey & Winkler GmbH, Königsbach-Stein (MM)
Fachhochschule Aachen, Jülich (IVAM)
FANUC Deutschland GmbH, Neuhausen (VDMA)
fasciotens GmbH, Essen (SPECTARIS)
FAULHABER Drive Systems, Schönaich (MM)
Feinmetall GmbH, Herrenberg (MTSW)
Felix König - Qualitätsmanagement, Bühl (MM)
Ferdinand Menrad GmbH +Co. KG, Schwäbisch Gmünd (SPECTARIS)
Ferdinand-Steinbeis-Institut, Heilbronn (MM)
Ferromatik Milacron GmbH, Malterdingen (VDMA)
Festo SE & Co. KG, Denkendorf (MM)
Festo SE & Co. KG, Esslingen (MTSW, VDMA)
Fetzer Medical GmbH & Co. KG, Tuttlingen (MM)
ficonTEC Service GmbH, Achim (VDMA)
FIDICA GmbH & Co. KG, Hösbach (VDMA)
FINK NUMRICH Patentanwälte PartmbB, München (MV)
FISBA AG, St. Gallen (SPECTARIS)
Fischer Information Technology GmbH, Radolfzell (MM)
Fischer System-Mechanik GmbH, Durchhausen (MM)
Fisher & Paykel Healthcare GmbH, Schorndorf (SPECTARIS)
FIXTEST Prüfmittelbau GmbH, Engen (MM, VDMA)
FKT Formenbau und Kunststofftechnik GmbH, Triptis (VDMA)
FlexLink Systems GmbH, Offenbach (VDMA)
flinn.ai, Wien (MM)
FLUID Design GmbH, München (HIN)
fluidmobile GmbH, Karlsruhe (MV, SPECTARIS)
FMB Care GmbH, Salzkotten (SPECTARIS)
for you eHealth GmbH, Weiden (MV)
FORÉCREU Deutschland GmbH, Troisdorf (VDMA)
Forum Angewandte Mikrosystemtechnik, Informatik und Nachhaltige Technische Systeme (FAMINT), Freiburg (MTSW)
Fraisa GmbH, Willich (VDMA)
FRAMOS GmbH, Pullach (VDMA)
Franke GmbH, Aalen (VDMA)
Franz Binder GmbH & Co. Elektrische Bauelemente KG, Neckarsulm (MM)
Fraunhofer IAF, Freiburg (MTSW)
Fraunhofer IIS, Erlangen (MV)
Fraunhofer IKS, München (VDMA)
Fraunhofer IKTS, Dresden (MTSW, VDMA)
Fraunhofer IMM, Mainz (MTSW, IVAM)
Fraunhofer IPA, Stuttgart (MM, MTSW, VDMA)
Fraunhofer IPM, Freiburg (MTSW, HIN)
Fraunhofer ISE, Freiburg (MTSW)
Fraunhofer ISIT, Itzehoe (VDMA, IVAM)
Fraunhofer IVV, Dresden (VDMA)
Fraunhofer IWM, Freiburg (MTSW)
Fraunhofer-Institut für Elektronenstrahl- und Plasmatechnik FEP, Dresden (HIN)
Fraunhofer-Institut für Elektronische Nanosysteme ENAS, Chemnitz (IVAM)
Fraunhofer-Institut für Elektronische Nanosysteme ENAS, Paderborn (IVAM)
Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM, Bremen (IVAM)
Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM, Dresden (IVAM)
Fraunhofer-Institut für Integrierte Schaltungen IIS, Erlangen (HIN)
Fraunhofer-Institut für Lasertechnik ILT, Aachen (SPECTARIS, IVAM)
Fraunhofer-Institut für Mikroelektronische Schaltungen und Systeme IMS, Duisburg (IVAM)
Fraunhofer-Institut für Toxikologie und Experimentelle Medizin ITEM, Hannover (IVAM)
Fraunhofer-Institut für Zuverlässigkeit und Mikrointegration IZM, Berlin (IVAM)
Freiburg Wirtschaft Touristik und Messe GmbH & Co. KG, Freiburg (MTSW)
Freudenberg FST GmbH, Weinheim (VDMA)
Freudenberg Medical Europe GmbH, Kaiserslautern (MM, VDMA)
Friedrich Alexander Universität , Erlangen (MV)
Friedrich Alexander Universität Dekanat Medizinische Fakultät, Erlangen (MV)
FRIEDRICH DANIELS MEDICAL GmbH, Aldingen (MM)
Friedrich-Alexander-Universität Erlangen-Nürnberg Lehrstuhl für Biomaterialien, Erlangen (HIN)
Frimed Medizintechnik GmbH, Tuttlingen (MM)
Fritz Stephan GmbH, Gackenbach (SPECTARIS)
fruitcore robotics GmbH, Konstanz (MM, VDMA)
FSQ Experts - eine Marke der Wertefest GmbH, München (MV)
FSTEC GmbH & Co. KG, Villingen-Schwenningen (MM)
FUCHS LUBRICANTS GERMANY GmbH, Mannheim (VDMA)
FUJIFILM medwork GmbH, Höchstadt/Aisch (HIN)
Funk Fertigungstechnik GmbH, Simmersfeld (VDMA)
Fürstenberg-Gymnasium Donaueschingen, Donaueschingen (MM)
FZI Forschungszentrum Informatik, Karlsruhe (MTSW)

G

G-SURG GmbH, Seeon (HIN)
Galifa Contactlinsen AG, St. Gallen (SPECTARIS)
GAUDLITZ Plastic Technologies GmbH & Co. KG, Coburg (MV)
GBA Medical Device Services GmbH, Gilching (MM)
GBN Systems GmbH, Buch am Buchrain (MV, HIN)
Gebr. Becker GmbH, Wuppertal (VDMA)
Gebr. Frei GmbH & Co. KG, Albstadt (MM)
Gebr. Heller Maschinenfabrik GmbH, Nürtingen (VDMA)
Gebr. Schwarz GmbH, Rottweil-Neukirch (MM)
Gebr. Tigges GmbH & Co. KG, Oelde (VDMA)
Gebrüder Eberhard GmbH & Co. KG Werkzeugtechnologie, Nordheim (VDMA)
Gebrüder Hoerr GmbH, Villingendorf (MM)
GEFAZ mbH, Forchheim (MV)

GEMÜ Gebrüder Müller Apparatebau GmbH & Co. KG, Niedernhall-Waldzimmern (MTSW)
General Electric Deutschland Holding GmbH, Frankfurt am Main (VDMA)
genesis mediware GmbH, Hersbruck (MV)
Georg Alber GmbH & Co. KG, Renquishausen (MM)
Georg Schrepfer/ BaHe Verpackungen OHG, Baiersdorf (MV)
Gerhard Schubert GmbH, Crailsheim (VDMA)
Geschwentner moulds & parts GmbH & Co. KG, Deilingen (MM)
GETSCH+HILLER MEDIZINTECHNIK GmbH, Tuttlingen-Nendingen (MM)
GETT Gerätetechnik GmbH, Treuen (VDMA)
GEUDER AG, Heidelberg (MM)
GEWATEC GmbH & Co. KG, Wehingen (MM)
GF Machining Solutions GmbH, Schorndorf (VDMA)
GFH GmbH, Deggendorf (MM, IVAM)
GFM Spezialmaschinenbau GmbH, Haltern am See (VDMA)
GFS Gesellschaft für Sensorik GmbH, Villingen-Schwenningen (MM)
GIMMI GmbH, Tuttlingen (SPECTARIS, MM)
Gindele GmbH, Neuhausen (MM)
Ginzinger electronic systems GmbH, Weng im Innkreis (MM)
Gläser GmbH, Horb (VDMA)
GMA Gesellschaft für Medizinische Ausbildung, Erlangen (MV)
GOLDBECK Süd GmbH, Niederlassung Bodensee, Engen (MM)
Goodly Technologies GmbH, Baierbrunn (MV)
Gossen Metrawatt GmbH, Nürnberg (HIN, VDMA)
Grässlin Nord GmbH, Villingen-Schwenningen (VDMA)
GRÄSSLIN SÜD GmbH, Villingen-Schwenningen (MM)
Grättinger Möhring von Poschinger Patentanwälte Partnerschaft mbB, Starnberg bei München (HIN, HIN)
Greiner GmbH, Pleidelsheim (SPECTARIS)
Gremse-IT GmbH, Aachen (SPECTARIS)
Grieshaber GmbH & Co. KG, Schiltach (MM)
GROB-WERKE GmbH & Co. KG, Mindelheim (MM, VDMA)
Grohmann Business Consulting, Freiburg im Breisgau (MM)
GRW Gebr. Reinfurt GmbH & Co. KG, Rimpar (VDMA)
GS1 Germany GmbH, Köln (VDMA)
GSB-Wahl GmbH, Aichwald (MTSW)
GTI medicare GmbH, Hattingen (SPECTARIS)
Gühring KG, Albstadt (MM, VDMA)
Günter Bissinger Medizintechnik GmbH, Teningen (MM)
GWQ ServicePlus AG, Düsseldorf (MV)

H

H. + H. Maslanka Chirurgische Instrumente GmbH, Tuttlingen (MM)
H&B Electronic GmbH & Co. KG, Deckenpfronn (MM)
H+K Beschichtungstechnik GmbH, Aldingen (MM)
Haag-Streit Deutschland GmbH, Wedel (SPECTARIS)
HAHN Automation Group Engen GmbH, Engen (VDMA)
HAHN Automation Group GmbH, Rheinböllen (VDMA)
HAHN Automation Group Holding GmbH, Rheinböllen (VDMA)
Hahn-Schickard-Gesellschaft für angewandte Forschung e.V., Villingen-Schwenningen (HIN, MTSW, MM, IVAM)
HAILTEC GmbH, Hohenstein (MM)
Haimer GmbH, Igenhausen (VDMA)
HAINBUCH GmbH, Marbach (VDMA)
HAKOS Präzisionswerkzeuge Hakenjos GmbH, Freiburg (VDMA)
HÄLSA Pharma GmbH, Lübeck (SPECTARIS)
Handeln.de GmbH, Nürnberg (MV)
Handwerkskammer Konstanz, Konstanz (MM)
Hans Müller HMP Medizintechnik GmbH, Nürnberg (SPECTARIS)
Harmonic Drive SE, Limburg (VDMA)
HARTING AG - Mitronics, Biel/Bienne 6 (MM)
HARTING Deutschland GmbH & Co. KG, Minden (VDMA)
HARTING Stiftung & Co. KG, Espelkamp (VDMA)
Hartmetall-Werkzeugfabrik Paul Horn GmbH, Tübingen (VDMA)
HARTS UG, Düsseldorf (MM)
Hatchmore Labs GmbH, Grünwald (HIN)
HAWE Altenstadt Holding GmbH, Aschheim (VDMA)
Hawe Italiana S.r.l., Cinisello Balsamo (IT) (VDMA)
HAWE Micro Fluid GmbH, Barbing (VDMA)
HAWK Hochschule für angewandte Wissenschaft und Kunst , Hildesheim (VDMA)
HB-Therm GmbH, Siegburg (MM)
Healex GmbH, Köln (MV)
Health Capital Berlin-Brandenburg, Berlin
Health Study Club GmbH, Erlangen (MV)
HealthCare Futurists GmbH, Köln (VDMA)
HEBUmedical GmbH, Tuttlingen (MM)
Hechinger Automotive GmbH, Villingen-Schwenningen (MM)
HECHT Contactlinsen GmbH, Au (SPECTARIS)
Heidelberg Engineering GmbH, Heidelberg (SPECTARIS)
HEIKO WILD GmbH, Tuttlingen (MM)
Hein & Oetting Feinwerktechnik GmbH, Hamburg (VDMA)
HEINE Optotechnik GmbH & Co. KG, Gilching (SPECTARIS)
Heinen Automation GmbH & Co. KG, Monschau (VDMA)
Heinrich Ziegler GmbH, Forchheim (MV)
Heinz Kurz GmbH, Dußlingen (MM)
HEITEC AG, Erlangen (MV, VDMA, HIN)
HEITEC PTS GmbH, Kuchen (VDMA)
Hellstern medical GmbH, Wannweil (MM)
Helmut Zepf Medizintechnik GmbH, Seitingen-Oberflacht (MM)
HELU Connectivity Solutions Bielefeld GmbH, Bielefeld (VDMA)
HEMO GmbH, Ötisheim (MM)
Hemovent GmbH, Aachen (SPECTARIS)
Hengst SE, Münster (SPECTARIS)
Henke-Sass, Wolf GmbH, Tuttlingen (SPECTARIS, MM)
HENKEL Beiz- und Elektropoliertechnik GmbH & Co. KG, Neustadt-Glewe (VDMA)
Henn Industrial Group GmbH & Co. KG, Dornbirn (VDMA)
HENNgineered Mönchweiler GmbH & Co KG, Mönchweiler (MM)
Hepako GmbH, Raisting (VDMA)
Herbert Waldmann GmbH & Co. KG, Villingen-Schwenningen (MM)
Hermann Bantleon GmbH, Ulm (MM)
Hermann Bock GmbH, Verl (SPECTARIS)
Hermann Medizintechnik GmbH, Fridingen an der Donau (MM)
Herrmann Ultraschalltechnik GmbH & Co. KG, Karlsbad (VDMA)
Herzog GmbH, Oldenburg (VDMA)
Herzog Intertec GmbH, Mahlstetten (MM)
HEUTE+COMP. GmbH+CO, Radevormwald (MM)
Hexagon Metrology GmbH, Wetzlar (VDMA)
HEYER Medical AG, Bad Ems (SPECTARIS)
HighLine Technology GmbH, Freiburg (MTSW)
Hill-Rom GmbH, Essen (SPECTARIS)
HIMA Paul Hildebrandt GmbH, Brühl (VDMA)
Himatec GmbH & Co. KG, Berg/ Unterrohrenstadt (MV)
Himmel Medizintechnik GmbH, Duisburg (MM)
Hipp Präzisionstechnik GmbH & Co. KG, Kolbingen (MM)

Hittech Prontor GmbH, Bad Wildbad (SPECTARIS)
HMF GmbH Präzisionszerspanung, Altusried-Krugzell (IVAM)
HNP Mikrosysteme GmbH, Schwerin (IVAM)
Hobe GmbH, Baienfurt (VDMA)
Hochform e.V., Pforzheim (MM)
Hochschule Ansbach Technologietransferzentrum Stein, Stein (HIN)
Hochschule Esslingen, Göppingen (MTSW)
Hochschule für angewandte Wissenschaften Landshut Fakultät für Elektrotechnik und Wirtschaftsingenieurwesen, Landshut (HIN)
Hochschule Furtwangen (HFU), Furtwangen (MM)
Hochschule Kaiserslautern, Kaiserslautern (MTSW)
Hochschule Kaiserslautern, Zweibrücken (IVAM)
Hochschule Offenburg, Offenburg (MTSW)
Höckh Metall-Reinigungsanlagen GmbH, Neuenbürg (MM)
Hoefer & Sohn GmbH, Fürth (HIN)
Hoenle Adhesives GmbH
HOERATH GmbH, Erlangen (MV)
Höfelmeyer Waagen GmbH, Georgsmarienhütte (VDMA)
Hofer GmbH & Co. KG - HOFER-medical, Fürstenfeld (MV)
Hoffrichter Medizintechnik GmbH, Schwerin (SPECTARIS)
Hofmann GmbH, Gräfenberg (MV, MM)
Hohenstein Laboratories GmbH & Co. KG, Bönnigheim (HIN, MM)
HÖRMANN RAWEMA Engineering & Consulting GmbH, Chemnitz (VDMA)
Hospiz-Akademie gGmbH, Bamberg (MV)
Hottinger Brüel & Kjaer GmbH, Darmstadt (VDMA)
HP Deutschland GmbH, Aschheim (MM)
HP Medizintechnik GmbH, Oberschleißheim (SPECTARIS)
HSM® Stahl- und Metallhandel GmbH, Georgensgmünd (MV)
Hu-Friedy Mfg.Co.,LLC., Emmingen-Liptingen (SPECTARIS)
Hubert Stüken GmbH & Co. KG, Rinteln (HIN)
Hugo Beck Maschinenbau GmbH & Co. KG, Dettingen/Erms (VDMA)
Hüller Hille GmbH, Mosbach (VDMA)
HumanOptics Holding AG, Erlangen (MV)
Hy-Line Technology GmbH, Unterhaching (MM)
Hyperstone GmbH a Swissbit Company, Konstanz (MTSW)

I

i-mation GmbH, Rottweil (MM)
IALTAG Produktions-u. Vertriebs- GmbH, Aalen, Württ (MTSW)
iATROS GmbH, München (MV)
iDAE MedTech Co., Ltd., Beijing (MV)
IEF-Werner GmbH, Furtwangen (VDMA)
IET GmbH & Co. KG, Trossingen (MM)
IFOHRA GmbH, Bamberg (MV, VDMA)
Iftest AG, Wettingen (HIN)
IGZ Würzburg, Würzburg (HIN)
IHK Karlsruhe, Karlsruhe (MTSW)
IHK Nürnberg für Mittelfranken, Nürnberg (MV)
IHK Schwarzwald-Baar-Heuberg, Villingen-Schwenningen (MTSW, MTSW, MM)
IHK Südlicher Oberrhein, Freiburg (MTSW)
ILC GmbH, Bexbach (VDMA)
Ilg Medizintechnik GmbH, Durchhausen (MM)
imbus AG, Möhrendorf (MV)
Implantex Pte. Ltd., Singapore (MM)
IMS CHIPS, Stuttgart (MTSW)
IMS Gear SE & Co. KGaA, Donaueschingen (MM)
IMSTec GmbH, Klein-Winternheim (VDMA)
IMSTecMedical GmbH, Klein-Winternheim (VDMA)
incantis GmbH, Weidenberg (MV)
INDEX-Werke GmbH & Co. KG, Esslingen (VDMA)
Individual Solutions GmbH, Möhrendorf (MV)
INDUS Holding AG, Bergisch Gladbach (VDMA)
Industrieverband Schneid- und Haushaltswaren e.V., Solingen (SPECTARIS)
Infors GmbH Deutschland, Einsbach (SPECTARIS)
infoteam Software Gruppe, Bubenreuth (SPECTARIS)
ING-LINK Ing.-Büro, Brühl (MTSW)
Ingenics AG, Ulm (MM)
Ingenieurbüro IT-Testing.de, Mainz (HIN)
Ingenieurbüro Rodriguez , Mannheim (MV)
INKUTEC GmbH, Barsbüttel (MM)
INM-Leibniz-Institut für Neue Materialien gGmbH, Saarbrücken (MTSW)
inmess GmbH, Bremen (VDMA)
Innocise GmbH, Saarbrücken (VDMA)
InnoLineTec GmbH, Freiburg (MTSW)
Innovations Medical GmbH, Tuttlingen (MM)
Innovent e.V., Jena (HIN)
InnoView GmbH, Eichstetten (MM)
InnoWiTa GmbH, Überlingen (MM)
Inova Technology GmbH, Friedrichshafen (MM)
inovex GmbH, Karlsruhe (MV)
INSION GmbH, Obersulm (MTSW)
Insitut Agira e.V., Waldsassen (MV)
inspiring-health GmbH, München (MV)
Institut für Diabetes-Technologie Forschungs- und Entwicklungsges. mbH, Ulm (HIN)
Institut für Kunststoff- und Entwicklungstechnik (IKET), Horb (MM)
Institut für Lasertechnologien in der Medizin und Meßtechnik, Ulm (MTSW)
Institut für Nanophotonik Göttingen e.V., Göttingen (IVAM)
Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik, Dresden (VDMA)
Institut für Werkstofftechnik der Universität Kassel, Kassel (VDMA)
INTERCO GmbH, Eitorf (SPECTARIS)
International Additive Manufacturing Group - IAMG Sp. z O.O, Pruszkow (VDMA)
INTERSPIRO GmbH, Hamburg (SPECTARIS)
Intersurgical GmbH, Sankt Augustin (SPECTARIS)
Invacare GmbH, Isny (SPECTARIS)
IOLution GmbH, Hamburg (SPECTARIS)
ipp Dr. Klügl, Nürnberg (MV, HIN)
IPTE Factory Automation N.V., B-Genk (VDMA)
ISAP AG, Herne (VDMA)
ISCUE GmbH & Co. KG, Nürnberg (MV)
IST METZ GmbH & Co. KG, Nürtingen (VDMA)
iSyst Intelligente Systeme GmbH, Nürnberg (HIN)
IT-Labs GmbH, Fürth (MV)
it.conex GmbH, Zimmern ob Rottweil (MM)
it@business GmbH & Co. KG, Spaichingen (MM)
ITA medical GmbH & Co. KG, Aachen (VDMA)
iTAC Software AG, Montabaur (VDMA)
ITB Ingenieurgesellschaft für technische Berechnungen mbH, Dortmund (VDMA)
iteratec GmbH, München (HIN)

ITS Industrie- und Technozentrum Schaffhausen, Schaffhausen (MM)
ITV Denkendorf Produktservice GmbH, Denkendorf (MM)
iVivid GmbH, Oberschneiding (MV, HIN)

J

Jakobi Dental GmbH, Schiffweiler (MM)
Jarit GmbH, Rietheim-Weilheim (MM)
JAT Jenaer Antriebstechnik GmbH, Jena (VDMA)
Jauch Quartz GmbH, Villingen-Schwenningen (MM)
JENOPTIK Optical Systems GmbH, Jena (IVAM)
Jet Clean Systems AG, Brugg (MM)
Jobst Technologies GmbH, Freiburg (IVAM)
Johann Mader GmbH, Ansbach (MV)
Johnson & Johnson Medical GmbH, Norderstedt (SPECTARIS)
Jongen Werkzeugtechnik GmbH, Willich (VDMA)
Jopp Electronics GmbH, Villingen-Schwenningen (MM)
Jüke Systemtechnik AG, Altenberge (SPECTARIS)
JÜKE Systemtechnik GmbH, Altenberge (HIN, IVAM)
JustHealth GmbH, München (MV)

K

K-Recruiting GmbH, München (MV)
K. Lancki und M. Lancki, Berlin (IVAM)
K.A. Schmersal GmbH & Co. KG, Wettenberg (VDMA)
KAESER KOMPRESSOREN SE, Coburg (VDMA)
Käfer Werkzeugbau GmbH, Besigheim (VDMA)
Kai MedTech Germany GmbH, Berlin (IVAM)
KAISER-AMM GmbH , Forchheim (MV)
Kammerer Medical Systems GmbH & Co. KG, Stockack (MM)
Kammerer MedTec GmbH & Co. KG, Stockach (MM)
kanyo® - Fachverlag Gesundheit & Medizin GmbH & Co. KG, Nürnberg (MV)
Karl Kaps GmbH & Co.KG, Aßlar / Wetzlar (SPECTARIS)
Karl Klappenecker GmbH & Co. KG, Tuttlingen (MM)
Karl Küfner GmbH & Co. KG, Albstadt (MM)
KARL MAYER STOLL Textilmaschinenfabrik GmbH, Obertshausen (VDMA)
Karl Schüssler GmbH+Co. KG, Bodelshausen (VDMA)
KARL STORZ SE & Co. KG, Tuttlingen (MM, SPECTARIS)
Karlsruher Institut für Technologie IMT, Eggenstein-Leopoldshafen (MTSW)
KEBA Group AG, Linz (A) (VDMA)
KEBA Industrial Automation Germany GmbH, Lahnau (VDMA)
Kelch GmbH, Weinstadt (VDMA)
Kendrion Kuhnke Automation GmbH, Malente (SPECTARIS, VDMA)
KERN & SOHN GmbH, Balingen (VDMA)
Kern und Liebers GmbH & Co. KG, Schramberg (VDMA)
KH Medical GmbH, Helmbrechts (MV, MM)
Kiefel GmbH A Member of Brückner Group, Freilassing (VDMA)
Kirchner & Wilhelm GmbH + Co. KG, Asperg (SPECTARIS)
Kläger Spritzguss GmbH & Co. KG, Dornstetten (MM)
Klimaschutz- und Energieagentur SBH gGmbH, Tuttlingen (MM)
Klinikum Bayreuth GmbH, Bayreuth (MV)
Klinikum der Ludwig-Maximilians-Universität München, München (HIN)
Klinikum Fürth, Fürth (MV)
Klinikum Nürnberg, Nürnberg (HIN, MV)
Klinikum rechts der Isar der Technischen Universität München Institut für diagnostische und interventionelle Neuroradiologie, München (HIN)
KLN Ultraschall AG, Heppenheim (Bergstraße) (MM)
Klöckner Pentaplast Europe GmbH, Heiligenroth (VDMA)
KLS Martin Group, Tuttlingen (SPECTARIS)
KLS Martin SE & Co. KG, Tuttlingen (MM)
KMPC Innovations GmbH, Flein (MTSW)
Knocks Fluid Technik GmbH, Selm (VDMA)
Koberg & Tente GmbH + Co. KG, Münster (SPECTARIS)
Koch Pac-Systeme GmbH, Pfalzgrafenweiler (VDMA)
KOEPFER Engineering GmbH, Furtwangen (MM)
Kögel GmbH, Oberderdingen (SPECTARIS)
Komet Medical – Gebr. Brasseler GmbH & Co. KG, Lemgo (SPECTARIS)
kommunikationsoptimierer.de, Salzgitter (VDMA)
Kompetenzzentrum für Spanende Fertigung (KSF) an der Hochschule Furtwangen, Tuttlingen (MM)
Königsee Implantate GmbH, Allendorf (SPECTARIS)
Konzelmann GmbH Kunststoff Innovationen, Löchgau (VDMA)
Körber AG, Hamburg (VDMA)
Koscher + Würtz GmbH, Spaichingen (MM)
kptec group GmbH, Schorndorf (VDMA)
kptec precision parts GmbH, Schorndorf (VDMA)
Krankenhaus Rummelsberg GmbH, Schwarzenbruck (MV)
Kretz + Wahl Gebäudetechnik GmbH & Co. KG, Fernwald-Steinbach (MM)
Kröber Medizintechnik GmbH, Dieblich (SPECTARIS)
KUKA Aktiengesellschaft, Augsburg (VDMA)
KUKA Deutschland , Augsburg (VDMA)
KUKA Deutschland GmbH, Augsburg (HIN)
KUMAVISION AG, Markdorf (VDMA)
KUMAVISION AG, Stuttgart (MM)
Kumovis GmbH, München (HIN)
Kundisch GmbH & Co. KG, Villingen-Schwenningen (MM)
KUNDO xT GmbH, St. Georgen im Schwarzwald (MM)
Kunststoff Christel GmbH & Co. KG, Bad Dürrheim (MM)
Kunststoff-Institut für die mittelständische Wirtschaft NRW GmbH, Lüdenscheid (MM)
Kunststofftechnik Buzzi GmbH, Schiltach (MM)
KVT Bielefeld GmbH, Bielefeld (MM)

L

L.C.M.A. S.A., Bettembourg (MM)
LA2 GmbH, Erlangen (MV, MM)
Lab-on-Fiber GmbH, Sonnefeld (MV)
Labotect Labor-Technik Göttingen GmbH, Rosdorf (SPECTARIS)
LAM-X a.s., Zlatníky-Hodkovice (MV)
lambda glass solutions GmbH & Co.KG, Burgwedel (IVAM)
Landesinnung Chirurgiemechanik, Tuttlingen (SPECTARIS, MM)
Landesmesse Stuttgart GmbH & Co. KG, Stuttgart (MTSW)
Landkreis Rottweil, Rottweil (MM)
Lando Health GmbH (ehem. MEDICEO GmbH), Frankfurt am Main (MV)
Landratsamt Schwarzwald-Baar-Kreis, Villingen-Schwenningen (MM)
Landratsamt Tuttlingen, Tuttlingen (MM)
Lantenhammer GmbH, Geretsried-Gelting (VDMA)
LAP GmbH Laser Applikationen, Lüneburg (SPECTARIS)
Laser Zentrum Hannover e.V., Hannover (IVAM)

LASERVORM GmbH, Altmittweida (VDMA)
LAUDA DR. R. WOBSER GmbH & CO. KG, Lauda-Königshofen (SPECTARIS)
LECHLER GmbH, Metzingen (VDMA)
LEE Hydraulische Miniaturkomponenten GmbH, Sulzbach (IVAM)
Leibniz-Institut für Plasmaforschung u.Technologie e.V.~INP Greifswald, Greifswald (HIN)
Leica Microsystems CMS GmbH, Wetzlar (SPECTARIS)
LEISTRITZ AG, Nürnberg (VDMA)
LEISTRITZ EXTRUSIONSTECHNIK GmbH, Nürnberg (VDMA)
LEISTRITZ PRODUKTIONSTECHNIK GmbH, Nürnberg (VDMA)
Lercher Medical GmbH, Klaus (HIN, MM)
Leuze electronic GmbH + Co. KG, Owen (VDMA)
LEVEL N Coaching & Consulting (die Gründercoaches), Berlin (MV)
Lewa-Dental Feinmechanik GmbH & Co. KG, Remchingen (MM)
LEXI Experts, Aldingen (MM)
Leybold GmbH, Köln (VDMA)
Leyton Deutschland GmbH, München (MV)
LHM Medical Technology GmbH, Tuttlingen (MM)
lifespin GmbH, Regensburg (SPECTARIS)
Lifeward GmbH, Berlin (SPECTARIS)
Light & Sound ON TOUR, Spaichingen (MM)
Lightera Denmark ApS, DK-2605 Brondby (VDMA)
LightFab GmbH, Aachen (IVAM)
LightPulse - Laser Precision, Weil der Stadt (IVAM)
LightPulse LASER PRECISION, Stuttgart (MTSW)
LINAK GmbH, Nidda (VDMA)
LINDE Gas Therapeutics GmbH, Oberschleißheim (SPECTARIS)
Lingroup GmbH, Karlsruhe (MM)
Lizard Health Technology GmbH, Donaueschingen (MM)
LLS ROWIAK LaserLabSolutions GmbH, Hannover (SPECTARIS)
LLT Applikation GmbH, Ilmenau (MM)
Ingenieurbüro Bernd Hölle GmbH, Reutlingen (MTSW)
Logima Software GmbH, Nürnberg (HIN)
LouwersHanique B.V., Hapert (MM)
Löwenstein Medical GmbH & Co. KG, Bad Ems (SPECTARIS)
Löwenstein medical innovation GmbH & Co. KG, Steinbach (SPECTARIS)
Löwenstein Medical Technology GmbH + Co. KG, Hamburg (SPECTARIS)
LPKF Laser & Electronics SE, Garbsen (VDMA, IVAM)
LPW Reinigungssysteme GmbH, Riederich (MM)
LR pure systems, Ditzingen-Heimerdingen (MM)
LRE Medical GmbH, Nördlingen (IVAM)
LT Ultra-Precision Technology GmbH, Herdwangen-Schönach (VDMA)
LUMIS International GmbH, Berlin
Luscii healthtech B.V., HG Utrecht (MV)

M

M-O-T Mikro- und Oberflächentechnik GmbH, Saarbrücken (IVAM)
m-u-t GmbH, Wedel (SPECTARIS, MM)
M&M Software GmbH, St. Georgen (MM, VDMA)
M&P Unternehmensberatung GmbH, Köln (MV)
M2-Automation GmbH, Berlin (IVAM)
MackSmaTec GmbH, Gerstungen (VDMA)
macs Software GmbH, Zimmern (MM)
MAFAC - E. Schwarz GmbH & Co. KG, Alpirsbach (MM)
MaFood GmbH & Co. KG, Yumki, Erlangen (MV)
MagForce NT GmbH, Berlin (SPECTARIS)
Magic Horizons GmbH, Neufahrn (HIN)
MAGNET-SCHULTZ GmbH & Co. KG, Memmingen (VDMA)
Magnosco GmbH, Berlin
MagoNovuM® GmbH & Co. KG, Engen (MM)
Mahr GmbH, Göttingen (VDMA)
MAICO Diagnostics GmbH, Berlin (SPECTARIS)
MAICO Elektroapparate-Fabrik GmbH, Villingen-Schwenningen (MM)
majesty GmbH, Spaichingen (MM)
MAKINO Europe GmbH, Kirchheim u.Teck (VDMA, MM)
Manegold Technologie GmbH, Stuttgart (IVAM)
Mank GmbH, Dernbach (VDMA)
MAPAL Dr. Kress KG, Aalen (VDMA)
Marquardt GmbH, Rietheim-Weilheim (MM)
MAS GmbH, Leonberg (VDMA)
Maschinenbau Kitz GmbH, Troisdorf (VDMA)
MaschinenManufaktur Kaltenbach GmbH, Kenzingen (MM)
Masterflex SE, Gelsenkirchen (VDMA)
Matachana Germany GmbH, Selmsdorf (SPECTARIS)
Mate iT GmbH, Villingen-Schwenningen (MM)
MATRIX GmbH Spannsysteme & Produktionsautomatisierung, Ostfildern-Nellingen (MM)
Matrix Requirements GmbH, Kehl (MM)
MaWegg solutions, Emmingen-Liptingen (MM)
Max Hauser Süddeutsche Chirurgiemechanik GmbH, Tuttlingen (MM)
Maximal Dental GmbH, Bamberg (MV)
MAXXOS Medical GmbH, Mahlstetten (MM)
MBengineering GmbH & Co. KG, Dürbheim (MM)
MD squared B.V., Eindhoven (MV)
MEDAGENT GmbH, Mühlheim (MM)
MedEcon Ruhr GmbH, Bochum (IVAM)
medi GmbH & Co. KG, Bayreuth (MV)
medi-G GmbH, Meßkirch (MM)
Medi-Tech-Park i. Gr, Gelsenkirchen (SPECTARIS)
Mediagnost GmbH, Reutlingen (MTSW)
Medic-Center-Nürnberg GmbH, Nürnberg (MV)
Medical Highlights Germany GmbH, Rohrdorf (MM)
Medical Mountains GmbH, Tuttlingen (IVAM)
Medical Valley Center GmbH, Erlangen (MV)
Medical Valley Forchheim GmbH, Forchheim (MV)
MedicalCommunications GmbH, Heidelberg (SPECTARIS)
MedicalMountains GmbH, Tuttlingen (MM)
medicalvalues GmbH, Karlsruhe (MV)
MEDICARE Medizinische Geräte GmbH, Aurach (SPECTARIS)
Medicon eG, Tuttlingen (SPECTARIS, MM)
mediMESH GmbH, Magdeburg (MV)
Medkaizhen, Neu-Ulm (MM)
MEDtech Ingenieur GmbH, Erlangen (MV)
MedtecLIVE GmbH, Nürnberg (MV)
medVie GmbH, Erlangen (MV)
MedXpert GmbH, Eschbach (MM)
medXteam GmbH, Neustadt (MV)
Meihack Messebau GmbH, Neuhausen ob Eck (MM)
Meiser Medical GmbH, Neuenstein (MM)
MELAG Medizintechnik oHG, Berlin (SPECTARIS)
memetis GmbH, Karlsruhe (IVAM)
Memmert GmbH + Co.KG, Schwabach (SPECTARIS)
mentalis GmbH, Nürnberg (MV)

Messer Group GmbH, Bad Soden (SPECTARIS)
Metallwarenfabrik Walter H. Becker GmbH, Triftern (SPECTARIS)
Metecon GmbH, Mannheim (MV, HIN, MM, VDMA)
MetShape GmbH, Pforzheim (MM)
MEYER-HAAKE GmbH OBERMÖRLEN, Ober Mörlen (SPECTARIS)
Michelfelder GmbH, Fluorn-Winzeln (MM)
Micreon GmbH, Hannover (IVAM)
Micro MIM Europe GmbH, Düsseldorf (IVAM)
Micro MIM Japan Holding Inc. - European Representative Office, Düsseldorf (MM)
Microdul AG, Zürich (MTSW)
microfluidic ChipShop GmbH, Jena (IVAM)
Micromed© Medizintechnik GmbH, Wurmlingen (MM)
micrometal GmbH, Müllheim/Baden (IVAM)
Micromotion GmbH, Limburg an der Lahn (IVAM)
Microsystems Center Bremen (MCB), Bremen (IVAM)
MicuraPharm GmbH, Klein-Winternheim (VDMA)
Miele & Cie. KG, Gütersloh (SPECTARIS)
Mikrop AG, Wittenbach (SPECTARIS)
Miller GmbH & Co. KG, Altenstadt (VDMA)
MIMplus Technologies GmbH & Co. KG, Ispringen (MM)
Minebea Intec Bovenden GmbH & Co. KG, Bovenden (VDMA)
MinebeaMitsumi Technology Center Europe GmbH, Villingen-Schwenningen (MM)
Minova Technology GmbH, Rottweil (MM)
Mitsubishi Electric Europe B.V. NL Deutschland, Ratingen (VDMA)
mkf GmbH, Lederhose (VDMA)
MLF Mercator-Leasing GmbH & Co. Finanz KG, Schweinfurt (VDMA)
MMM Münchener Medizin Mechanik GmbH, Planegg (SPECTARIS, HIN)
Mobile Function GmbH, Villingen-Schwenningen (MM)
Molecular Plasma Group, Foetz (Lux) (VDMA)
Montratec GmbH, Dauchingen (VDMA)
Morphose HealthCare GmbH, Neumarkt (MV)
motan Holding GmbH, Konstanz (VDMA)
Motus GmbH, Tübingen (MM)
Motus Health GmbH, Köln (MV)
MPDV Mikrolab GmbH, Mosbach (VDMA)
MS Ultraschall Technologie GmbH, Spaichingen (MM)
mt-g medical translation GmbH & Co. KG, Ulm (MM)
MTS Medical AG , Konstanz (MM)
MTT GmbH, Lüneburg (MM)
MULTIVAC Sepp Haggenmüller SE & Co. KG, Wolfertschwerden (VDMA)
Munevo GmbH, München (SPECTARIS)
Murtfeldt Kunststoffe GmbH + Co. KG, Dortmund (VDMA)

N

n:aip Deutschland GmbH, Fürth (MV)
N&H Technology GmbH, Willich
NABERTHERM GmbH, Lilienthal (VDMA)
NAGEL Maschinen- und Werkzeugfabrik GmbH, Nürtingen (VDMA)
Nakanishi Jaeger GmbH, Ober-Mörlen (VDMA)
NAMSA, Obernburg (MV)
nass magnet GmbH, Hannover (VDMA)
Nawa Heilmittel GmbH, Nürnberg (HIN)
NB-Werkzeugtechnik e.K., Albstadt (MM)
Neteera Technologies Ltd., Jerusalem (MV)
Netzwerk NanoMat, Eggenstein-Leopoldshafen (IVAM)
NeueCreaktiv GmbH, Lauterbach (MM)
NEXT. robotics GmbH & Co. KG, Mönchweiler (MM)
NIBERA Kunststoff GmbH, Deißlingen (MM)
Nijdra Engineering BV, Middenbeemster (HIN)
Nipro Pure Water GmbH, Bruchsal (VDMA)
Niutec AG, Winterthur (MM)
NMI Naturwissenschaftliches und Medizinisches Institut Universität Tübingen, Reutlingen (MM)
NMI Naturwissenschaftliches und Medizinisches Institut, Reutlingen (MTSW, VDMA)
Nocubi Deutschland GmbH, Reutlingen (HIN)
nopa instruments Medizintechnik GmbH, Tuttlingen (MM)
NORGREN GmbH, Alpen (VDMA)
Northrop Grumman LITEF GmbH, Freiburg (MTSW)
Notion Systems GmbH, Schwetzingen (MTSW)
nova:med GmbH & Co. KG, Höchstadt (SPECTARIS)
Novartis Pharma GmbH, Nürnberg (MV)
novineon CRO GmbH, Tübingen (MM)
Novoplast Schlauchtechnik GmbH, Halberstadt (VDMA)
NRI Medizintechnik GmbH, München (SPECTARIS)
NTI Deutschland GmbH, Villingen-Schwenningen (MM)
NTT DATA Business Solutions AG | ehemals ITellence GmbH, Spaichingen (MM)
NUI Care GmbH, München (MV)
NÜRNBERGER Lebensversicherung AG, Nürnberg (MV)
NürnbergMesse GmbH, Nürnberg (HIN)

O

O.Meany MD&PM GmbH, Nürnberg (MV)
OAV - Ostasiatischer Verein e.V., Hamburg (IVAM)
OBERON GmbH Fiber Technologies, Wildau (SPECTARIS)
OCTUM GmbH, Ilsfeld (VDMA)
Oculus Optikgeräte GmbH, Wetzlar (SPECTARIS)
ODU GmbH & Co. KG, Mühldorf a. Inn
OECHSLER AG, Ansbach (MV)
OFA Bamberg GmbH, Bamberg (SPECTARIS)
Olympus Europa SE & Co. KG, Hamburg (SPECTARIS)
OLYMPUS Winter & Ibe GmbH, Hamburg (SPECTARIS)
Oncare GmbH, München (HIN)
Oncosia Scientific GmbH, Dürrwangen (MV)
Ondics GmbH, Esslingen (MTSW)
onelDentity+ GmbH, Ismaning (VDMA)
OPEN MIND Technologies AG, Wessling (VDMA)
OptaSensor GmbH, Nürnberg (IVAM)
Optence e.V., Wörrstadt (IVAM)
Optimum datamanagement solutions GmbH, Karlsruhe (MM, VDMA)
Opto GmbH, Gräfelfing (VDMA)
ORISA Software GmbH, Jena (VDMA)
Oskar Frech GmbH + Co. KG, Schorndorf (VDMA)
OST Ostschweizer Fachhochschule, Buchs (MTSW)
OTEC Präzisionsfinish GmbH, Straubenhardt (MM, VDMA)
OTH - Ostbayerische Technische Hochschule Amberg-Weiden Institut f. Medizintechnik an der Fakultät Wirtschaftsingenieurwesen und Gesundheit, Weiden (MV)
Otto Leibinger GmbH, Mühlheim (MM)
Otto Röhrig Gesenkschmiede GmbH, Solingen (MM)
Otto Rüttgers GmbH + Co.KG, Solingen (SPECTARIS)
Ovesco Endoscopy AG, Tuebingen (SPECTARIS)

Owlytic GmbH (früher Paragon), Bad Rappenau (MV)
Owlytic GmbH, Bad Rappenau (MM, MM)

P

PACE-Tec GmbH, Furtwangen (MTSW)
PAConsult Swiss GmbH, Neuhausen am Rheinfall (MM)
PAJUNK GmbH Medizintechnologie, Geisingen (MM, SPECTARIS)
PakuMed medical products gmbh, Essen (SPECTARIS)
Panasonic Industry Europe GmbH, Ottobrunn (VDMA)
Paradigm Spine GmbH, Wurmlingen (MM)
PARI GMBH, Starnberg (SPECTARIS)
Parker Hannifin GmbH, Bielefeld (VDMA)
Parmaco Metal Injection Molding AG, Fischingen (MM)
Paul Büetiger AG, Biberist (MM)
Paul Weber GmbH & Co. KG Drehteile, Bösingen (MM)
Pava Partners Germany AG, München (HIN)
PEMAX Kunststoff GmbH, Freudenstadt (MM)
PENTAX Europe GmbH, Hamburg (SPECTARIS)
Personalberatung Fahr, Überlingen (MM)
PETER BREHM GmbH, Weisendorf (MV)
Peter Lazic GmbH, Tuttlingen (MM)
Petermann GmbH, Dombühl (MV)
Pfaff GmbH, Waldkirch (MM)
PGXperts GmbH, Fürth (MV, HIN)
Pharca GmbH, Zell am Harmersbach (MM)
Pharmpur GmbH, Königsbrunn (HIN)
phenox GmbH, Bochum (SPECTARIS)
Philips GmbH Respironics, Herrsching (SPECTARIS)
PHOTON ENERGY GmbH, Ottensoos (MM)
PhysioNova GmbH, Obermichelbach (MV)
PI Ceramic GmbH, Lederhose (IVAM)
pi4_robotics GmbH, Berlin (VDMA)
PIA Automation Amberg GmbH, Amberg (VDMA)
PIA Automation Holding GmbH, Bad Neustadt (VDMA)
PlanbriQ Marke der UK Verwaltung GmbH, Wurmberg (MM)
PLANOPTIK AG, Elsoff (IVAM)
Plasmatreat GmbH Birkenfeld, Birkenfeld (MTSW)
Plasmatreat GmbH, Steinhagen (VDMA)
POLAR Cutting Technologies GmbH, Hofheim (VDMA)
Poligrat Deutschland GmbH, München (VDMA)
Polyneers GmbH, Stein (MM)
Polytec GmbH, Waldbronn (MTSW)
Portabiles HealthCare Technologies GmbH, Erlangen (MV)
PPH GmbH, Erlangen (MV)
Praeciso GmbH & Co. KG, Villingen-Schwenningen (MM)
Praxisnetz Nürnberg Süd e.V., Nürnberg (MV)
PrehApp GmbH, Erlangen (MV)
Primo Medico, Inter Primo A/S, Zory
PRO-MED Instrumente GmbH, Tuttlingen (MM)
pro-MedTech GmbH, Rottweil (MM)
pro3dure medical GmbH, Iserlohn (MM)
ProCarement GmbH, Forchheim (MV)
ProCon Implants GmbH, Tuttlingen (MM)
Prof. Dr. H.P.Zenner GmbH, Tübingen (MM)
Project Solutions GmbH, Ludwigshafen (HIN)
ProMediPac OWB Group, Mengen (MM)
PROMESS Montage- und Prüfsysteme GmbH, Berlin (MM)
Protron Mikrotechnik GmbH, Bremen (IVAM)
Psilkon GmbH, Motten (MM)
PSM Medical Solutions, Gunningen (MM)
Psyma + Exevia Health GmbH (exevia und psyma fusioniert), Nürnberg (MV)
PÜG Prüf- und Überwachungsgesellschaft mbH, Gäufelden (MM)
Pulsar Photonics GmbH, Aachen (MM)
PÜSCHEL Automation GmbH & Co. KG, Lüdenscheid (VDMA)
PushMed - Shanghai Push Medical Device Co., Ltd., Shanghai (MV)
PVA TePla AG, Wettenberg (VDMA)

Q

QM-Beratung Jürgen Will, Neuhausen (MM)
QRM GmbH, Möhrendorf (MV)
Qsistant GmbH & Co. KG, Stockach (MM)
qtec Services GmbH, Lübeck (SPECTARIS, MM)
QTICS Group, Budapest (MV)
QTM Consulting GmbH & Co. KG, Reutlingen (MM)
Quality Analysis GmbH, Nürtingen (MM)
QualityLabs BT GmbH, Nürnberg (MV, HIN)
QUESTALPHA GmbH & Co. KG, Eschenburg

R

R&D Consulting GmbH & Co. KG, Klagenfurt (HIN)
RACKETTE Patentanwälte PartG mbB, Freiburg (MM)
Radimed GmbH, Bochum (SPECTARIS)
RAFI Eltec GmbH, Überlingen (MM)
Ramme Drehteile GmbH, Königsbach-Stein (MM)
RAPA Healthcare GmbH & Co. KG, Selb (VDMA)
Raphael Frasch GmbH, Erlangen-Tennenlohe (MV)
Rausch & Pausch Healthcare GmbH & Co KG, Selb (SPECTARIS)
Rauschert Heinersdorf-Pressig GmbH, Pressig (MM)
RavensPAT Patentanwälte Partnerschaft mbB, Berg (MM)
Realigner Consulting UG, Hamburg (MV)
Realpatent Patentanwälte (Grättinger Möhring von Poschinger Patentanwälte Partnerschaft mbB), Starnberg (MV)
regenold GmbH, Badenweiler (MV)
REGER Medizintechnik GmbH, Villingendorf (MM)
Regionalverband Schwarzwald-Baar-Heuberg, Villingen-Schwenningen (MM)
Reinhardt Microtech GmbH, Wangs (MTSW)
RENA Technologies GmbH, Gütenbach (VDMA)
Renishaw GmbH, Pliezhausen (VDMA)
Research Manager, Deventer (MV)
ResMed Deutschland GmbH, Bremen (SPECTARIS)
Rheinisch-Bergisches TechnologieZentrum GmbH, Bergisch Gladbach (IVAM)
RHYTHM SHOEI GERMANY GmbH, Frankfurt am Main (MV)
Richard Wolf GmbH, Knittlingen (SPECTARIS)
Richardson Electronics GmbH, Donaueschingen (MM)
RISA GmbH, Engen (MM)
Ritzi Industriedrucktechnik GmbH, Trossingen (MM)
rk instrumente GmbH, Tuttlingen (MM)
Robert Bosch GmbH, Renningen (MTSW)
Robert Hofmann GmbH, Lichtenfels (MV)
Roche Diagnostics GmbH, Mannheim (MTSW)
Rockwell Automation Solutions GmbH, Karlsruhe (VDMA)
Rodriguez GmbH, Eschweiler (VDMA)
ROFIN-SINAR Laser GmbH, Bergkirchen (VDMA)
Rollon GmbH, Düsseldorf (VDMA)
RoodMicrotec GmbH, Stuttgart (MTSW, MTSW)

rose plastic medical packaging GmbH, Hergensweiler (MM)
Rösler Oberflächentechnik GmbH, Untermerzbach (VDMA)
RoweMed AG - Medical 4 Life, Parchim (VDMA)
RSG Automation Technics GmbH & Co. KG, Bietigheim-Bissingen (VDMA)
RSG Bad Kissingen, Rhön-Saale Gründer- und Innovationszentrum GmbH & Co. KG, Bad Kissingen (HIN)
RTE Akustik + Prüftechnik GmbH, Pfinztal Berghausen (VDMA)
RUDOLF Medical GmbH + Co. KG, Fridingen an der Donau (MM)
Rudolf Michael GmbH, Eppingen (MM)
Rudolf Riester GmbH, Jungingen (SPECTARIS)
Rudolf Storz GmbH, Emmingen-Liptingen (MM)
ruf-Konstruktionsbüro und CNC-Frästechnik, Villingen-Schwenningen (MM)
Ruhr-Universität Bochum, Bochum (IVAM)
Rupp + Hubrach Optik GmbH, Bamberg (SPECTARIS)

S

SAB Bröckskes GmbH & Co. KG, Viersen
S.I.M.E.O.N. Medical GmbH & Co. KG, Tuttlingen (MM)
Sächsisches Textilforschungsinstitut e.V.(STFI), Chemnitz (HIN)
SAE Applications for Digitalization GmbH, Weng (VDMA)
SafetyKon GmbH, Freiburg im Breisgau (MM)
Saitama City Foundation for Business Creation, Chuou-ku, Saitama City (HIN)
salcon international, Heidelberg (IVAM)
Salitaris GmbH i.G., Nürnberg (MV)
Samac S.P.A., Vobarno (I) (VDMA)
Sana Klinik Pegnitz GmbH, Pegnitz (MV)
Sandvik Tooling Deutschland GmbH GB Coromant, Düsseldorf (VDMA)
Sanitätshaus Urban & Kemmler GmbH, Weiden (HIN)
Sarai Pahla Translation, Düsseldorf (IVAM)
Sartorius Lab Instruments GmbH & Co. KG, Göttingen (SPECTARIS)
SAS hagmann GmbH & Co. KG, Horb a.N. (MM)
Sasse Elektronik GmbH, Schwabach (MV, HIN)
Sauter GmbH, Hirrlingen (MM)
SAVUNA GmbH, Augsburg (MM)
SBS-Feintechnik GmbH & Co. KG, Schonach (MM)
Schaeffler Sondermaschinenbau AG & Co. KG, Erlangen (MM, VDMA)
Schaeffler Technologies AG & Co. KG, Herzogenaurach (VDMA)
Scheidegg GmbH Systemtechnik, Bermatingen-Ahausen (MM)
Schellinger Zerspantechnik GmbH, Sipplingen (MM)
SCHERDEL Medtec GmbH & Co. KG, Marktredwitz (MV)
SCHEUERMANN + HEILIG GmbH, Buchen-Hainstadt (MTSW, MV, MM)
Schienle Magnettechnik + Elektronik GmbH, Salem-Neufrach (VDMA)
SCHILLER Automation GmbH & Co. KG, Sonnenbühl (MM)
Schmidt+Haensch GmbH & Co., Berlin (SPECTARIS)
SCHMITZ medical GmbH, Wickede (SPECTARIS)
SCHNEEBERGER GMBH, Höfen an der Enz (VDMA)
SCHÖLLY FIBEROPTIC GMBH, Denzlingen (MM)
SCHOTT & MEISSNER Maschinen- und Anlagenbau GmbH, Blaufelden (VDMA)
SCHOTT AG, Landshut (IVAM)
Schott Technical Glass Solutions GmbH, Jena (IVAM)
Schuhmacher Technologies & Hydraulics GmbH, Spaichingen (MM)
SCHUNK SE & Co. KG, Lauffen (VDMA)
Schupp GmbH & Co. KG, Dornstetten (MM)
Schüssler Technik GmbH & Co. KG, Pforzheim (VDMA)
Schwäbische Werkzeugmaschinen GmbH, Schramberg-Waldmössingen (MM, VDMA)
Schwan International GmbH, Heroldsberg (VDMA)
Schwanog Siegfried Güntert GmbH, Villingen-Schwenningen (VDMA)
Schweizer Feinwerktechnik GmbH, Bad Boll (MM)
seca gmbh & co. kg., Hamburg (SPECTARIS, VDMA)
Seco Tools GmbH, Erkrath (VDMA)
Seemann Technologies GmbH, Böttingen (MM)
Seleon GmbH, Heilbronn (SPECTARIS, HIN, MM)
Sembach GmbH & Co. KG, Lauf an der Pegnitz (MV)
Semeda GmbH, Bad Bodenteich (SPECTARIS)
senetics healthcare group GmbH & Co. KG, Ansbach (MV, HIN, MM)
SENTECH Gesellschaft für Sensortechnik GmbH, Krailing (IVAM)
sepp.med Gmbh, Röttenbach (MV, HIN)
Sepro Robotique GmbH, Dietzenbach (VDMA)
Sergio Rigano Kunststofftechnik, Reutlingen (MM)
SES Systemtechnik & uv-electronic GmbH, Spaichingen (MM)
SETLabs Research GmbH, München (MV, MM)
sfm medical devices GmbH, Wächtersbach (MM)
SGA GmbH, Geisingen (MM)
SGS Germany GmbH, Puchheim (HIN)
SHL AG, Böttingen (MM)
SICK AG, Donaueschingen (MM)
SICK AG, Waldkirch (MTSW)
SIEMENS AG, München (VDMA)
Siemens Healthineers AG, Erlangen (MV)
Siemens Healthineers AG, München (HIN)
SIGNUS Medizintechnik GmbH, Alzenau (MM)
Silurus Software Kft., Budapest (MV)
SIM Automation GmbH, Heilbad Heiligenstadt (VDMA)
SIMEX Medizintechnik GmbH, Deisslingen-Lauffen (MM)
Simon Hegele GmbH, Forchheim (MV)
Simon Nann GmbH & Co. KG, Böttingen (MM, VDMA)
SIMUSERV GmbH, Würzburg (HIN)
Singulus Technologies AG, Kahl am Main (VDMA)
Sioux Technologies GmbH, Erlangen (MV, HIN)
SITEC Industrietechnologie GmbH, Chemnitz (VDMA)
SK Laser GmbH, Wiesbaden-Nordenstadt (VDMA)
SKF GmbH, Schweinfurt (VDMA)
SKZ-KFE gGmbH, Horb (MM)
SmarAct GmbH, Oldenburg (IVAM)
SmartMembranes GmbH, Halle (Saale) (IVAM)
SMB Schnekenburger GmbH, Bad Dürrheim-Öfingen (MM)
SMC Deutschland GmbH, Egelsbach (VDMA)
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Published in cooperation with

ISBN 978-3-928383-97-4