



MEDICAL DEVICE ENGINEERING

Medical Expertise



CORE SKILLS

- **Electrical Stimulation**
e.g. defibrillation, AED, PAD, pacing, muscular stimulation, intracardiac stimulation
- **Vital Parameter, Sensors and Monitoring**
e.g. multiparametersystems, GUI, SpO2, ECG, EEG, NiBP, CO2
- **Mobile Health**
e.g. Event-Recorder, ECG w/ UMTS, Webserver, Multiparameter monitors, Integration of various mobile interfaces
- **Gas Analysis**
e.g. capnography, oxygen measurement, multigas analysis, anesthesia
- **Ventilation**
e.g. emergency, transport-, home- and critical care ventilation

MEDICAL TECHNOLOGY COMPANY

As our customer, you will benefit from our **technology expertise**, our **many years of experience** and our detailed **industry and expert knowledge** in medical engineering. Based on our extensive knowledge, our portfolio ranges from electronics, software and mechanics all the way to systems for **safety-critical applications** in clinical, preclinical and homecare applications as well as clinical studies.

Our **B2B business model** is in worldwide demand from medical device manufacturers. They appreciate our quality solutions and related services including a wide range of **customer-specific adaptations**. With Corscience, customers gain a reliable partner with individual consultation and custom work on the highest technical level.



YOUR BENEFIT

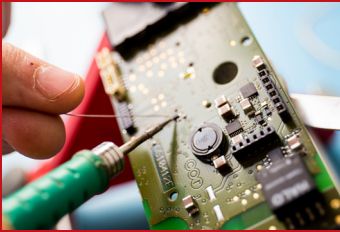
- We stand for quality „**Made in Germany**“.
- We offer **technical expertise**, **individual support** and project management.
- We commit ourselves to **successful customer partnership**.



As a German engineering company with highly competent staff we stand for quality and reliability.

We are curious, open-minded and proud of our achievements.

Medical Device Engineering



ENGINEERING SERVICES

- **Hardware**
e.g. circuit design, layout, schematic capture and simulation, test and qualification including security concepts, galvanic isolation circuit
- **Software**
e.g. embedded software/firmware, PC-software/App-Development including GUI, security concepts, performing of FMEA and risk analysis
- **Mechanical Design**
e.g. mechatronics, construction (CAD, 3D modeling, tool procurement), rapid prototyping, front foil design
- **System development**
e.g. integration of hardware, software and mechanics all the way to systems for safety-critical applications
- **OEM-Modules**
OEM boards and algorithms to integrate into medical systems
e.g. COR12, CAP201, BDM65, ChipOx
- **Approval**
e.g. consulting services (CE, FDA/510k) as an approved company (ISO 13485 certification and FDA clearance)
- **Manufacturing**
e.g. NPI, pilot production, mass production, assembly, final inspection, testing



Corscience GmbH & Co. KG is a leading medical engineering company, specialized in the research, development and manufacturing of innovative technologies and products in the area of cardiovascular therapy and diagnostics. The company was founded in 2001 by Weinmann Geräte für Medizin GmbH & Co. KG and Prof. Dr. Armin Bolz. Currently, our interdisciplinary team consists of around 50 engineers and 30 experienced specialists from a wide range of backgrounds.

PART OF THE
WEINMANN
GROUP

We are looking forward to speaking to you personally and realizing your medical product successfully.

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Our sales team will be happy to assist you!



MEDICAL INNOVATIONS
CUSTOMIZED TO YOUR NEEDS!