

Senior Mechanical Engineer - Medical devices

m/f/d, Zug

We are looking for a Senior Mechanical Engineer to strengthen the cross-functional engineering team of our client in Zug. In this role, you will help shape the next generation of Blood Gas & Electrolytes (BG/E) Analyzers.

Tasks & Responsibilities:

- * **Project & Supplier Ownership:** Take accountability for deliverables within a matrix-organized project structure; actively collaborate with external development partners and suppliers while driving your own core work packages.
- * **Full Lifecycle Development:** Lead all phases of mechanical development - from initial concept and design review through unit testing, bug fixing, and maintenance - with a current strategic focus on Design for Manufacturability (DFM).
- * **Advanced Plastics Engineering:** Drive the architectural and detailed mechanical design of complex functional consumables, optimizing for high-volume injection molding and advanced plastic technologies.
- * **Agile Collaboration:** Participate in defining, estimating, planning, and executing work packages within a sprint-based Agile environment, collaborating closely with Product Owners, Scrum Masters, Architects, and Developers.
- * **Advanced Engineering Analysis:** Define and perform rigorous engineering analyses, including Finite Element Analysis (FEA), Failure Modes and Effects Analysis (FMEA), Tolerance Analysis, and various physics-based simulations.
- * **Technical Leadership & Mentorship:** Provide technical guidance and mentorship to junior engineers, driving complex technical problem-solving and taking ownership of mission-critical tasks.
- * **Cross-Functional Reviews:** Lead, execute, and contribute to comprehensive technical reviews involving diverse stakeholders across R&D, Operations, and Customer Support.

Must Haves:

Job profile

 Engineering - Mechanical Engineering

 Zug

 Contracting

 Part Time, 80-100%



Maschinenbau, Product development, Medizintechnik



Sounds interesting?

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- * Degree in Mechanical Engineering (FH / BSc / MSc) with a minimum of 6–8 years of relevant, hands-on industry experience
- * Plastics & Injection Molding Expertise: Superior, long-term proficiency in injection molding design and plastic technologies. Ideally, you bring a proven track record of developing functional consumables with a focus on cost-optimized, large-scale series production
- * Proven Lifecycle Expertise: Extensive professional experience driving all phases of mechanical development, with deep-rooted expertise in Design for Manufacturability (DFM)
- * Stakeholder & Vendor Management: Demonstrated success working in multidisciplinary teams, with strong capabilities in managing external development partners and suppliers
- * CAD & Standards Proficiency: Proficiency and willingness to perform hands-on CAD design (SolidWorks preferred, integrated with SAP) in strict compliance with ISO 8015 / Geometrical Product Specifications (GPS) for 2D drawings and 3D models
- * Analytical Mindset: A strong affinity for methodical, systematic approaches in the early phases of product development, backed by solid fundamentals in physics and engineering
- * Medical Device Background: Desired experience developing complex medical systems and integrating components such as pumps, valves, sensors, and temperature control elements within a regulated environment
- * Agile Adaptability: Ready and motivated to thrive in a fully agile, transparent, and collaborative team environment
- * Language Skills: Professional in English is a MUST (project language); listening and reading comprehension in German is a distinct advantage.

Sounds like a great job?

Then we look forward to receiving your complete application documents through our online application form.

When applying by email, the sender agrees that his or her data will be used in accordance with our data privacy policy.

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