

Senior Test Engineer - Fluidics Component (m/f/d)



Temporär Jobregion: Rotkreuz Stellenprozent: 100%

Beschreibung

As a first-tier supplier to our renowned business partner **Roche Diagnostics in Rotkreuz**, we are currently looking for a motivated and dedicated **Senior Test Engineer - Fluidics Component** for a temporary assignment of 1 year, with a high probability of extension.

In this role, your primary focus will center on fundamental fluid mechanics, driving the quality, tightness, and endurance testing of critical fluidic components and consumables for next-generation Blood Gas & Electrolytes (BG/E) Analyzers.

Tasks & Responsibilities

- Fluidic Component Verification: Execute rigorous tightness, stress, pressure, and endurance testing on fluidic components, connectors, valves, and consumables.
- Test Rig Design: Design, assemble, and optimize custom fluidic test rigs utilizing CAD tools (SolidWorks), integrating pumps, valves, and fluid sensors.
- Automated Life Testing (ALT): Develop and execute accelerated durability and wear-and-tear testing protocols to simulate long-term product lifecycles.
- V&V & Compliance: Write, execute, and document test protocols for Verification and Validation (V&V) in strict compliance with medical device standards (FDA/MDR).
- Data & Design Improvement: Script rig control automation in Python, analyze fluidic metrics, and drive DFM/DFA design improvements through systematic root cause analysis.

Must-Haves

- Degree (BSc, MSc, PhD, or HF) in Mechanical Engineering, Process Engineering, Biomedical Engineering, or Mechatronics.
- 5+ years of testing experience with a strong background in fluid mechanics, fluidic systems, or microfluidic consumables in medical devices / IVD (FDA/MDR).
- Strong hands-on CAD design skills (SolidWorks) for fluidic test fixture building.
- Proven experience with ALM tools (Codebeamer), Jira, and Python scripting for data acquisition.
- Language Skills: Professional proficiency in English is required. German comprehension is a distinct advantage.

BERATER



Kristof Wildmann
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Seniority Level
Mitarbeiter

Berufskategorie
IT

Stellenprozent
100%

Jobtyp
Temporär

Referenz-Nr.
KWI-IT-T-54644

Jobregion
Rotkreuz

Benefits

- Become part of one of the most prestigious pharmaceutical companies and actively shape the future of healthcare
- Experience a work culture that promotes diversity and inclusion and where all employees feel valued
- Work on a state-of-the-art campus featuring green spaces, meeting areas, and an inspiring atmosphere
- Work with modern and up-to-date tools in an innovative work environment
- Start with a professional onboarding process and a thorough introduction to your new role during the Welcome Days
- Benefit from financial support for your professional development plans
- Enjoy a selection of high-quality meals in modern staff restaurants
- As part of a sustainable mobility concept, on-site parking spaces are available to you
- Take advantage of unbeatable, year-round discounts at renowned retailers and over 200 top brands
- Benefit from fleet discounts when purchasing new cars or receive constant fuel discounts

Are you interested? Do not hesitate and submit your complete application documents online today. We look forward to hearing from you!

Wir wertschätzen Vielfalt und begrüßen daher alle Bewerbungen – unabhängig von Geschlecht, sozialer Herkunft, Religion, Alter und Identität. Zur leichteren Lesbarkeit und besseren Verständlichkeit verwenden wir nur eine Gender-Form. Selbstverständlich sind im jeweiligen Kontext alle Genderformen gleichermassen gemeint.

Unser Bewerbungsprozess

