

Senior Test Engineer - Oximetry & Optics (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 - Oximetry & Optics** for a temporary assignment of 1 year, with a high probability of extension.

In this specialized role, you will perform precision physical and optical testing on mechanical oscillators, microfluidic chips, and optical sensors for next-generation Blood Gas & Electrolytes (BG/E) Analyzers. Working safely inside a Biosafety Level 2 (BSL-2) laboratory, you will play a crucial role in validating diagnostic performance with biological samples.

Tasks & Responsibilities

- Precision Hardware Testing: Conduct complex physical testing on precision hardware, optical modules, mechanical oscillators, and microfluidic chips.
- BSL-2 Laboratory Operations: Safely handle biological sample preparation (including whole blood preparation and adjusting hematocrit levels) within a BSL-2 environment.
- V&V Protocol Execution: Design and run automated V&V protocols, life testing, and wear analysis in accordance with medical device regulations (FDA/MDR).
- Rig Automation & Scripting: Build custom test fixtures using SolidWorks CAD and write Python automation scripts to capture complex test data.
- Cross-Functional Collaboration: Partner with firmware, optics, and systems engineering teams to resolve defects using 5 Whys and Fishbone analyses.

Must-Haves

- Degree (BSc, MSc, PhD, or HF) in Biomedical Engineering, Optics/Physics, Mechatronics, or Mechanical Engineering.
- 5+ years of hands-on testing experience in medical devices or IVD, specifically involving optical components or biological sample testing.
- Mandatory experience and comfort working in a BSL-2 laboratory environment, handling biological fluids (whole blood) safely.
- Proficiency in ALM systems (Codebeamer), Jira, SolidWorks CAD, and Python automation scripting.
- Language Skills: Professional proficiency in English is required (project language). German fluency or understanding is a strong advantage.

BERATER



Kristof Wildmann
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Seniority Level
Mitarbeiter

Berufskategorie
IT

Stellenprozent
100%

Jobtyp
Temporär

Referenz-Nr.
KWI-IT-T-54645

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

