

# Senior Instrument Integration Engineer (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 Instrument Integration Engineer** for a temporary assignment of at least 1 year, with high probability of extension.

As an Instrument Integration Engineer, you take on a key role in ensuring the harmonious integration of hardware and software components to guarantee optimal instrument functionality. You accompany the entire instrument lifecycle, from the concept phase through development and validation to market launch. In this position, you contribute significantly to ensuring that all system components work together smoothly and, through your expertise, ensure that the final product meets the highest quality and performance standards. Your work forms the basis for the successful realization of modern diagnostic and analysis instruments that are indispensable in a variety of applications and industries.

## Tasks & Responsibilities

- **Integration Leadership:** Lead the integration of hardware and software components, driving activities throughout the entire instrument lifecycle. Act as the primary technical point of contact, ensuring seamless functionality and alignment with project goals.
- **Methodological Planning:** Independently design, plan, execute, and document development activities. Utilize advanced methodologies (e.g., Design of Experiments/DoE) to optimize experimental planning and coordination.
- **Technical Problem Solving:** Lead interdisciplinary troubleshooting and root cause analysis. Provide expert technical input to resolve complex issues with high autonomy.
- **Concept & Strategy:** Contribute to product concepts, system requirements, and architecture design, ensuring alignment with project goals and diagnostic standards.
- **Data-Driven Decision Making:** Perform in-depth analysis of test results using statistical methods. Interpret trends and correlations to generate reports that drive strategic decision-making.
- **SME & Mentorship:** Act as the Subject Matter Expert (SME) for integration. Provide supervision and guidance to team members, foster open communication, and represent the project in internal and external R&D meetings.
- **Innovation:** Actively contribute to innovation efforts, including intellectual property creation and the continuous improvement of quality management and integration processes.

## BERATER



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**Seniority Level**  
Mitarbeiter

**Berufskategorie**  
Elektro & Mechanik

**Stellenprozent**  
100%

**Jobtyp**  
Temporär

**Referenz-Nr.**  
KWI-EM-T-54194

**Jobregion**  
Rotkreuz



## Must-Haves

- A Bachelor's or Master's degree, or a Swiss Federal Diploma from a University of Applied Sciences (FH) or College of Higher Education (HF) in a scientific or technical field (e.g., Biotechnology, Biomedical Engineering), or equivalent experience
- Minimum of 5 years of professional experience in medical device development
- Strong understanding of Systems Engineering principles and their application in instrument development
- Proven proficiency in data analysis, evaluation, and the application of statistical methods
- Fluent in English (written and spoken); German is a plus
- High level of autonomy, proactive problem-solving, strong leadership/mentorship capabilities, and a commitment to collaborative, cross-functional teamwork

## Nice-To-Haves

- Tools / IT knowledge is an advantage but not a must: Python, Jira, Retina

## 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 (subject to eligibility criteria)
- 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 with our fuel card

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

