



MaxWell Biosystems is an electronics-focused biotech company based in Zürich, Switzerland, developing and selling high-content electrophysiology platforms to help our customers in the pharmaceutical industry and in academia make their drug discovery and research more efficient. We seek highly motivated and talented individuals who will contribute to shaping our future.

Hardware Test Engineer (m/f, 100%)

At MaxWell Biosystems, we develop advanced instrumentation for neuroscience and life sciences applications. Our instruments consist of custom-designed CMOS-based sensor devices, a recording system with FPGAs and other electronic and mechanical components as well as software for data acquisition and analysis. As we ramp up production, thorough and automated testing of all products is critical to ensure the best experience for our customers using our platforms. As a hardware test engineer your responsibilities will be to design, develop and maintain our test and validation setups. You will be part of our R&D team and collaborate closely with the other international teams.

Your Responsibilities

- Design and development of test and validation setups
- Maintenance and automation of test setups
- Work with engineering team to define quality criteria and measurement methods
- Development of test specifications
- Documentations of test methods and results
- Support in assembly of prototypes
- Work with R&D team
- Collaborating with production team
- Reporting to our CTO

Your Profile

- Bachelor's, Master's or PhD degree in electrical engineering, mechatronics, or a related field
- Experience as system test engineer
- Excellent test ideation, design and exploration capabilities
- Experience with Python and git
- Experience with reading and understanding schematics
- Experience with using electronics test equipment
- Experience with firmware development is a plus
- Fluent in English, German is a plus
- Ability to work independently and within a team environment

Are you motivated, innovative and committed to delivering first-rate performance? Do you enjoy working in an international, multidisciplinary, and interactive team? Then we might have a position for you. Join MaxWell Biosystems in innovating the future of electrophysiology for drug discovery and basic research.

Jan Müller looks forward to receiving your application documents (cover letter, resume, letter of recommendation and degrees including transcripts) by email at hr@mxwbio.com.