

Posted: August 05, 2026 / Location: Freiburg(DE)

Senior Engineer (m/f/d): Biosensors and Bioanalytical Microsystems

iST Jobst, founded as Jobst Technologies GmbH, has been providing unique bioanalytical sensors for medical and biotech applications since 2002. We sense what matters for those patients in need: From intensive care to next generation personalized medicine, through volume manufacture and deep-tech research. At our site in **Freiburg im Breisgau, Germany**, we are looking for an Expert/Senior Engineer in the field of biosensors and bioanalytical systems.

Your role

- As a core team member, you will be responsible for the development, design and qualification of electrochemical enzymatic biosensors.
- You will plan, execute, and manage development projects for our worldwide customer base in cutting-edge life science, biomedical and biotechnology applications.
- Project management for internal, customer and research projects
- You will develop, maintain, and continuously improve our technology and processes, as well as their technical documentation, ensuring adherence to quality standards and best practices.

Who you are

- Master's or PhD degree in micro-/nano-technology, biomedical engineering, natural sciences, or a related field
- Experience in the development of biosensors, bioanalytical microsystems, electrochemical sensors and microfluidics

- Experience in microfabrication, thin-film and laminate technology, wafer-scale fabrication
- Experience in sensor and systems design and qualification, bioanalytical techniques and application development for the life sciences
- You bring solid, hands-on lab and/or cleanroom experience.
- You have a track record in project leadership.
- You have an independent way of working, are striving to satisfy our customers' needs, have a high level of enthusiasm and commitment, and are eager to quickly take on responsibility.
- Proficiency in English is required.

What we offer

- You will start with a structured onboarding, guided by a highly motivated team both in technical aspects and your integration into the company.
- You will be key contributor to R&D projects for our global customer base and co-create innovative sensors and analytical solutions for much needed life science applications.
- You will enjoy the flexibility and agility of a small team of 15 colleagues in Freiburg and be able to benefit from the strong backing of our Swiss mother company Innovative Sensor Technology IST AG with 450+ employees globally.
- You will have the chance to plan, manage and execute projects from concept stage to serial production.
- You will become a trusted and relied upon team member where good work ethics and execution have real impact and are appreciated and valued.
- Flexible working hours
- Brand new office building and production facilities at the Freiburger Innovationszentrum (FRIZ), including modern meeting rooms and a fully equipped kitchen with panoramic views of the black forest skyline
- Location next to tram, bus and S-Bahn stations. Bike and car parking are available on-site

Apply now!

Send us your CV and motivation letter via e-mail to Ms. Vanessa Garcia at **bewerbung@ist-ag.com**.

Innovative Sensor Technology IST AG

Ms. Vanessa Garcia

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