

# ► Achieve more with KROHNE

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## Join KROHNE's Innovation and R&D Hub in Ankara!

KROHNE is a **globally recognized manufacturer and supplier for process instrumentation**, known for delivering cutting-edge solutions in industrial measurement technology. With **established R&D sites in Germany, the Netherlands, and the UK**, we are now **expanding our innovation ecosystem by opening a brand-new Innovation and R&D Hub in Ankara, Türkiye**.

Our Innovation and R&D Hub in Ankara will play a **critical role** in the development of next-generation **sensor technologies, digital twins, and industrial measurement solutions**. We are looking for talented engineers and scientists who are eager to shape the future of measurement technology in an **international and collaborative research environment**.

KROHNE Türkiye is looking for a

## R&D Engineer for Rapid Sensor Concept Development

We are building our team at the Innovation and R&D Hub Ankara! If you are passionate about cutting-edge technology and hands-on engineering, this is your chance to play a key role in developing and maintaining advanced measurement and instrumentation systems that drive the development of groundbreaking sensor technologies in an innovative environment.

### Your main responsibilities:

As an R&D Engineer for Rapid Sensor Concept Development, you will:

- Design and develop cutting-edge sensor concepts based on fundamental physical principles by exploring electromagnetic, ultrasonic, and mechanical sensing techniques to create next-generation measurement solutions.
- Conduct multi-physics simulations (ANSYS, COMSOL, or equivalent) for thermal, structural, and electromagnetic performance analysis.
- Translate conceptual designs into functional prototypes by incorporating 3D printing, CNC machining, and other rapid manufacturing techniques, and develop test rigs and calibration setups to verify sensor accuracy and reliability.
- Analyze test data and iterate designs to optimize sensor performance.
- Collaborate with interdisciplinary teams to identify, evaluate, and refine novel sensor architectures, ensuring performance under real-world conditions.
- Document findings and contribute to intellectual property (IP) generation.

### Your qualifications:

- Master's or PhD Degree in Physics, Mechanical Engineering, Electrical Engineering or a related field.
- Minimum 5 years of relevant experience in R&D, and instrumentation development.
- Strong analytical and creative problem-solving skills, a systematic approach to work and ability to work independently to solve complex engineering challenges.
- Strong background in sensor physics, electromagnetics, or acoustics.
- Experience with CAD software (SolidWorks, or similar) and finite element simulation tools (ANSYS, COMSOL, or similar).

If interested, please send your CV with a cover letter stating your salary requirements in PDF format to: Didem Tamtunali • Innovation Manager • [rndturkey@krohne.com](mailto:rndturkey@krohne.com)



[www.krohne.com](http://www.krohne.com)

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- Hands-on experience in prototyping, mechanical fabrication, and experimental testing.
- Knowledge of rapid manufacturing techniques (3D printing, CNC, laser cutting, etc.).
- Knowledge of data acquisition systems, and signal processing.
- Dynamic and a strong team player, international mindset and willingness to collaborate globally in a cross-functional team.
- Proficiency in English (written and spoken).
- No travel restrictions.
- In possession of a Class B driver's license with active driving experience.
- Strong interpersonal skills, excellent verbal and written communication abilities.
- Well-developed representation and presentation skills.
- For male candidates, military service must be completed or deferred.
- Adaptable to flexible working hours.
- Residing in Ankara.

Apply now to be part of a cutting-edge innovation and R&D team in Ankara!

On [www.krohne.com](http://www.krohne.com) you'll find additional information about our organization.  
For details, please contact Didem Tamtunalı, Mail: [rndturkey@krohne.com](mailto:rndturkey@krohne.com).

If interested, please send your CV with a cover letter stating your salary requirements in PDF format to: Didem Tamtunalı • Innovation Manager • [rndturkey@krohne.com](mailto:rndturkey@krohne.com)



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