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## About the company

Qplox is a fast-growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology.

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## Job Description

*You will characterize novel MEMS systems in existing technologies and technologies under development. More specifically, the existing team is working on a new MEMS system composed of actuators and sensors which need to reach extremely challenging accuracy in extreme environment. Your job will be to take part of these activities and drive the characterization effort.*

- *You will execute the characterization of different components, electrically, mechanically and optically, and report out.*
- *You will be part of building new setups for short-term testing as well as long-term reliability, and provide documentation.*
- *You will develop documented measurement automation scripts and data processing algorithms for the most time-intensive challenges.*
- *You will collaborate with specialists from our cross-disciplinary design and technology teams.*

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## Candidate Description

- Master's or PhD degree in Mechanics or Electrical Engineering.
- Proven experience:
  - ✓ in hands-on MEMS characterization, specifically with any or all the following: SMU, impedance analyzer, automated prober, laser Doppler vibrometer, white light interferometer, FemtoTools, microphone, hydrophone, lock-in amplifier.
  - ✓ with Python scripting for automation and data processing
  - ✓ with MATLAB scripting for data processing or in creative problem-solving
- Basic understanding of MEMS fabrication is an asset.
- Basic understanding of ultrasound transducers is an asset.
- Our environment requires a good team player with competent communication and reporting skills.
- Given our international character, a good knowledge of English is mandatory.

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## We offer

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An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

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## Contact

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Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) with the subject "**Measurement and Automation Engineer**".

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