



Optomechanical Manufacturing Technician

MIRO Analytical AG is young company providing state-of-art laser-based gas analyzers for monitoring of greenhouse gases and air pollutants. Since October 2023 MIRO Analytical is part of Bruker Corporation (Nasdaq:BRKR) and closely collaborating with Bruker Optics.

If you are - like us - passionate about mitigating climate change and fighting air-pollution, we are looking for you as an optomechanical manufacturing technician to contribute to scaling up our manufacturing processes.

Your Profile

- Training, apprenticeship, or degree in a technical field, preferably in micro-mechanics, fine-mechanics, automatics, electronics, opto-mechanics, photonics, or a related area. An engineering degree is not required.
- Relevant professional experience or apprenticeship in assembly and production for 2+ years
- Computer skills in Word, Excel, PowerPoint necessary for documenting results
- Ability to communicate comfortably and efficiently in written and spoken English. German is a plus.
- Knowledge of Lean 5S manufacturing and experience in handling lasers is nice to have.
- Passionate about working in a diverse, motivated team and a fast-moving environment.

Your Tasks

- Assemble and precisely align optomechanical parts and laser beams, assemble electronic and vacuum components, and build gas analyzers from the ground up.
- Perform skilled, fine, and precise manual work with careful, reliable, and responsible execution. Achieve perfect optical alignment iteratively using supporting software. Document results in production reports.
- Follow assembly instructions provided by in-house experts and independently understand written English assembly guidelines. Step-by-step supervised training will be provided to learn all required production skills.
- Take responsibility for completed tasks, identify and discuss refinements in the production process with engineers and supervisors to support continuous improvement and lean manufacturing. Improve existing production documentation.
- Perform inspections on incoming parts, prepare materials for the manufacturing process, and assist with setting up shipping packaging.
- Work in a cleanroom and ESD-protected environment and perform preventive maintenance.
- Report to the production manager.
- Collaborate with engineers on everyday tasks and be flexible to support custom modifications.

We offer

- The opportunity to join a highly dynamic young company at an early stage
- The opportunity to grow professionally and get more responsibility quickly
- Creative environment and freedom to implement new ideas, and develop new skills
- The chance to help reducing air-pollution and mitigating climate change through better measurements
- Flexible working hours, 40h work-week, 25 days of vacation per year
- Regular social events, teambuilding, BBQ, free coffee and snacks

Conditions

Place: Wallisellen (ZH)
Workload: 80-100%
Starting date: Flexible, ideally 1.04.2025
Apply on: [Bruker Corporation | Career](#) / +41 44 830 91 53

NOTE: We only consider complete applications including a CV, cover letter, and work certificates. We are only accepting direct applications for this position. Applications submitted through recruitment agencies or headhunters will not be considered.

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