

Lab Technician

Are you ready to work on cutting-edge technology that is revolutionizing the augmented reality (AR) industry?

Vitrealab (www.vitrealab.com) is a photonics start-up company, disrupting the AR display market with its Quantum Light Chip, a unique glass-based photonic integrated circuit. At Vitrealab, we're building the world's smallest, brightest, and most efficient light engines for augmented reality. Join us as we redefine AR displays with innovation and precise light control.

Job Description

As a Lab Technician at Vitrealab, you will play a central role in keeping our laboratory and fabrication environment running smoothly. You will work across a diverse set of tasks—from general lab maintenance and repairs to cleanroom assistance, equipment setup, workshop tasks, and technical procurement. Depending on your background and interests, the position can be part-time (focused on maintenance and technical support) or full-time (including additional responsibilities in waveguide fabrication and characterization).

Your responsibilities

- General laboratory upkeep and organization
- Routine lab maintenance, small repairs, and infrastructure improvements
- Cleanroom-specific tasks such as assembly setup and lab cleaning
- Communication with external partners and service providers
- Tracking and managing of small scale chemical waste (Sondermüll)
- Keeping Safety Data Sheets up-to-date
- Operating and maintaining 3D printers
- Technical purchasing and handling returns
- Working with compressed-air systems
- Managing lab supplies (gloves, tissues, chemicals, ...)
- Operating CNC equipment and performing workshop tasks (cutting, drilling, etc.)
- Supporting upgrades to the lab, such as improving enclosures, fixing dryers, and expanding lab space
- Monitoring environmental indicators (humidity, power warnings)

Additional support waveguide-related tasks

- Polishing and sample preparation for coating
- Wafer ungluing, annealing, and chip cleaving
- Improving fabrication temperature stability
- Simple waveguide chip characterization
- Supporting waveguide wafer fabrication and scribing workflows
- Cleaning and preparing wafers

Prerequisites

Mandatory:

- Technical Bachelor's degree or strong vocational training preferred
- Good German language skills
- Good English proficiency
- Strong hands-on mentality and willingness to work with technical equipment
- Enjoys communicating with external companies, suppliers, and service partners
- Curiosity and willingness to learn new tools, machines, and workflows

Nice to have:

- Experience with technical machinery, lab equipment, PCs, or workshop tools
- Experience in a cleanroom or laboratory environment
- Basic understanding of fabrication tools, 3D printing, CNC machines, or electronics
- Ability to work independently and solve problems in a dynamic setting

Benefits

You will have the opportunity to join an international, fast-growing start-up on a mission to scale Quantum Light Chip (QLC) technology, creating light engines that redefine how people see and experience the world. Work in a state-of-the-art cleanroom facility equipped for pioneering innovation, and grow professionally in a dynamic, collaborative environment. Salaries are tailored depending on your qualifications and experience, ensuring competitive compensation.

Location: Vienna, Austria (On-site)

Start date: February 2026

Type of contract: full-time or part-time

Get in touch

For more information please get in touch with work@vitrealab.com and attach your CV.