# HW Laboratory

The Networked Embedded Sensing Center located at Fuerstenweg 176 entertains a hardware development and test laboratory. By request this laboratory is open to all employees of UIBK. If interested please contact Tatiana Elmakova for details.

## Lab Instruments

| Model | Manufacturer | Serial Number | Purchase Date | UIBK Inventory | Comment |
| ——- | ———— | ———— | ———— | ————- | ——— |
| E36313A DC Power Supply | Keysight | MY57240029 | 2020 | | |
| EDU36311A DC Power Supply | Keysight | CN62250096 | 2022/12/07 | 34073310 | |
| EDU33212A Waveform Generator | Keysight | CN62210126 | 2022/12/07 | 34073309 | |
| EDU34450A Digital Multimeter | Keysight | CN62300037 | 2022/12/07 | 34073307 | |
| EDUX1052G 2CH 50 MHz Oscilloscope | Keysight | CN63121176 | 2023/05/02 | 34073308 | |
| 34465A 6.5 50'000 Multimeter | Keysight | MY60071033 | 2023/05/02 | 30019304 | |
| 1552A-12 Reference Thermometer -80 to 300C, ±0,05 °C | Fluke | 6461001 | 2024/06/20 | | replaced from unit 1572058 (broken PRT) |
| Battery Charger | Vitronic | | | | |
| MKF 056 (E5) Climate Chamber | Binder | 20230000016577 | 2023/12/04 | 31014948 | Model number 9020-0378, login admin, 2 (panel) |
| Otii Ace-Pro + Software (1y) | Otii | 221104200372 | 2024/02/01 | 30019650-0000 | |
| Otii Ace-Pro | Otii | 221104200587 | 2024/06/18 | | |
| MSO46B 4-BW-1000 1 GHz Oscilloscope | Tektronix | C069945 | 2024/08/01 | | Option 4-ULTIMATE-PER, 3Y warranty |
| DMM7510 7.5 1'000'000 Digitizer/DMM | Keithley | 4619255 | 2024/06/10 | | |

## TEK Oscilloscope & Probes

A MSO46B 4-BW-1000 1 GHz Oscilloscope including a bundle of all software extension options 4-ULTIMATE-PE is available with a selection of probes:

| Model | Description | Serial Number | Purchase Date | Comment |
| ——- | ———- | ———— | ———— | ——— |

| TAP1500 | Low voltage single-ended probe 1.5 GHz | B023966 | | |
|---|---|---|---|---|
| TLP084 | 8-channel logic probe | C300253 | | |
| TPA-N-PRE | Pre-amplifier | C000133 | 2024/08/01 | |
| TPP1000 | Passive voltage 1 GHz | C275516 C275517 C275520 C275521 C275526 C275529 | 2024/08/01 | |
| TPR1000 | Power rail probe 1 GHz | D010233 | 2024/08/01 | |

* SEC (Rainer Boehme) group has a TEK MDO3104 1GHz Oscilloscope + MDO3SA option, no SW * IFI further has an old TDS200 Scope, Signal generator and ELV charging unit

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