

Terahertz Imaging Spectrometer

Manufacturer: Zomega

Model: Z3



General Description:

The time-domain Terahertz Imaging Spectrometer is a dedicated measurement tool for the acquisition of spatially resolved THz spectra. The system employs an ultrafast Erbium laser for time domain spectroscopy of THz radiation. It can be operated in reflection or transmission mode. Imaging is available only in reflection mode.

Key Specifications:

- Imaging area: (200 x 200) mm²
- Wavelength range: 0.1 to 3 THz
- Ultrafast Erbium laser:
 - Toptica FemtoFiber Pro
 - 120fs pulse length
 - Power 100 mW

Availability:

For use by qualified personnel only; the instrument is available on request for measuring external samples

Location

Optics Lab
 Europastraße 12
 9524 Villach

Responsibles / Contact

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