

## Benchtop TDS10XX system for THz spectroscopy

Spectral range up to 5 THz

Dynamic range larger than 85 dB

Sample compartment with nitrogen purge

Option for external fiber-coupled antennas



### TDS10XX system includes

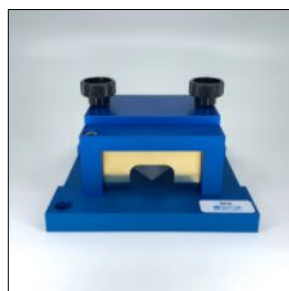
- Sample compartment with N<sub>2</sub> purge for nondestructive material characterization measurements
- Femtosecond laser system, beam guiding optics, delay line and DAQ system inside the housing
- Unified pulse generator, signal amplifier and lock-in detector
- Easy operation and data management via Laptop with our pre-installed T3DS software

### Optional equipment

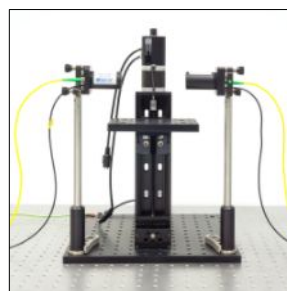
- SHR – Sample holder for reflection measurements
- SHA – Sample holder for attenuated total reflection measurements
- FSU – Fast scan unit for THz beam adjustment
- IU150 – Imaging Unit with imaging area of 150mm x 150mm
- T2T – Theta-2-Theta angular scanning unit for reflection measurements



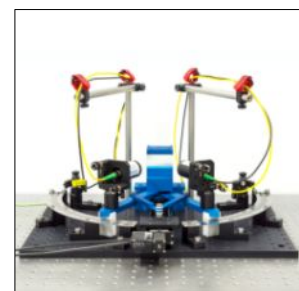
SHR



SHA



IU150



T2T

