

THz SPECTROSCOPY SYSTEM

Brand-Model

TDS1008, BATOP optoelectronics

Descriptions

Generally it has sample compartment, which can be purged dry nitrogen gas. Sample holder for transmission measurements inside the sample compartment. Complete optics (including the femtosecond laser) and electronics to run the spectrometer.

Specifications

Contains a femtosecond pulse laser with a wavelength of 780 nm and

Pulse duration: ~ 100 fs

Spectral bandwidth: 0.05 – 4.0 THz

Dynamic range: \geq 85 dB

Maximum scan range: 650 ps

Spectral resolution: < 2 GHz

Service location

02-01-09 *Applied Optics Room 2*
Block: T05

Further Information

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Notes:

