

## COMPACT THZ SPECTROMETERS

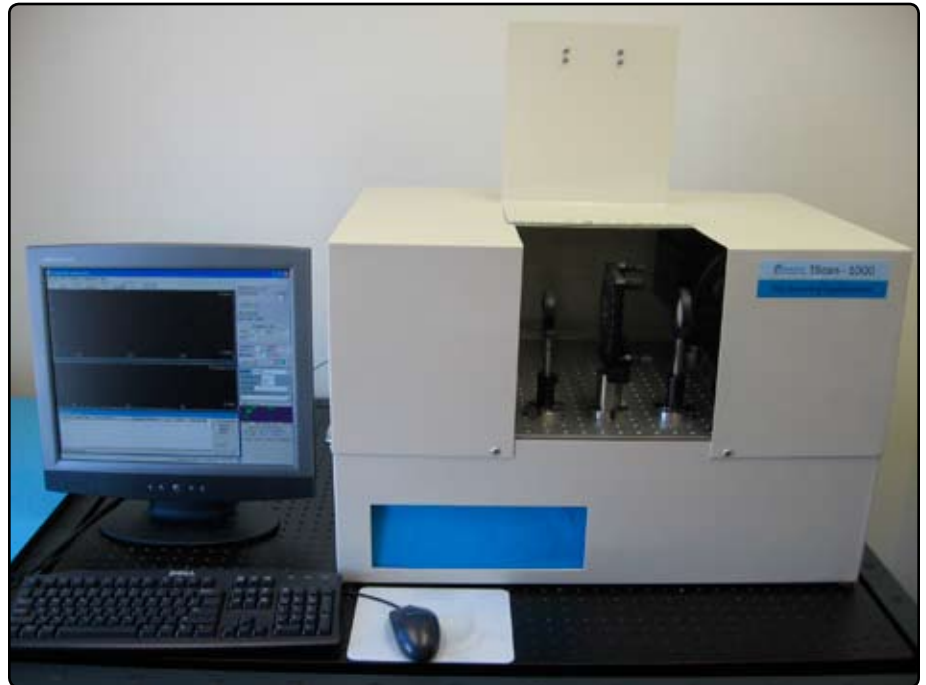
### Product description:

Compact Thz Spectrometers offered by Microtech Instruments, Inc. enable transmission measurements in the spectral range of 100 GHz to 1.5 THz. These systems are based on millimeter wave Backward Wave Oscillators (BWO's) combined with frequency multipliers and broadband Pyroelectric Detectors.

### Key features include:

- Spectral range: 100 GHz - 1.5 THz
- Spectral resolution: 1 - 10 MHz
- Dynamic range:  $10^4$

### Compact THz Spectrometer



### Product specifications:

MODEL	OPERATING SPECTRAL RANGE
TScan-180C	100 - 180 GHz
TScan-350C	100 - 350 GHz
TScan-500C	100 - 500 GHz
TScan-1000C	100 - 1000 GHz
TScan-1500C	100 - 1500 GHz