

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 |