

# TERAHERTZ DETECTORS

Overview of the different models

We have a unique line of sensors and meters for the terahertz region. You can choose either a standalone device with on-board electronics or go with our T-Rad meter and a separate sensor. We also have small terahertz detectors that come as discrete pyroelectric units for integration.



## T-Rad

### THZ-B

- Large apertures: 5 mm and 9 mm  $\varnothing$
- Wide dynamic range: 50 nW to 200 mW
- Choice between analog and digital versions
- User-friendly software (when used with the T-Rad module)

■ WORKS WITH OUR T-RAD AND T-RAD-ANALOG MODULES

### THZ-I-BNC

- Sensitive 5-mm detector integrated with low-noise amplifier
- Wide dynamic range from nW to  $\mu$ W
- Battery or AC powered
- Compatible with an oscilloscope or lock-in amplifier

■ INTEGRATED BNC MODULE



Available with  
**integra**

### THZ-D

- Flat spectral response: Get the best precision across the entire THz range
- Works with our standard universal displays & PC interfaces.
- Large apertures of 9 and 12 mm  $\varnothing$

■ FLATEST SPECTRAL RESPONSE IN THE THZ

■ WORKS WITH OUR STANDARD DISPLAYS & PC INTERFACES

### QS-THZ

- Easily integrated into a THz measurement instrument or set-up
- Small TO5/TO8 packages
- Available in 2 sizes: 5 and 9 mm  $\varnothing$  apertures
- Wide dynamic range from nW to mW
- Plug-and-play with QS-I-TEST evaluation test box

■ DISCRETE PYROELECTRIC DETECTORS

