

PRESENTATION

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.



THZ-D

- Flatest Spectral Response:
Get the best precision across the entire THz range
- Works with our standard universal monitors:
MAESTRO and M-LINK
- Large Apertures of 9 and 12 mm Ø

- FLATEST SPECTRAL RESPONSE IN THE THz
- WORKS WITH OUR STANDARD MONITORS

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THZ-I-BNC

- THz Detectors with Integrated Analog (BNC) Module (no need for a monitor)
- Wide Dynamic Range from nW to μ W
- BNC output:
 - Battery or AC Powered (for use with an oscilloscope)
 - Very Low Noise Level (0.4 nW for THZ21-BL-BNC)

- INTEGRATED BNC MODULE

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THZ-B

- Large Choice of Apertures:
1.5 mm, 5 mm and 9 mm Ø
- High Average Powers:
Up to 200 mW with the 5 and 9 mm probes
- Choice between Digital (T-Rad) or Analog Modules (T-Rad-Analog)
- User-Friendly Software (when used with the T-Rad module)

- WORKS WITH OUR T-Rad MODULES

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QS-THZ

- Hybrid Pyroelectric Detectors
- Small TO5/TO8 Packages
- Available in 3 Sizes: 2 x 2, 5 and 9 mm Ø Apertures
- Wide Dynamic Range from nW to mW
- QS-I-TEST Test Box Available

- DISCRETE PYROELECTRIC DETECTORS
- SMALL TO5/TO8 PACKAGES

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THzディテクタ

モデル	Pmax	Pmin	Fmin	Fmax	アナログ出力	アパチャー
THZ2I-BL-BNC	70 μ W	50 nW	0.1THz	30 THz	0-10 V	2 x 2 mm
THZ5I-BL-BNC	140 μ W	50 nW	0.1 THz	30 THz	0-10 V	5 mm \varnothing
THZ2.5B-BL	2 mW	100 nW	0.1 THz	30 THz	N/A	2.5 mm \varnothing
THZ5B-BL	20 mW	100 nW	0.1 THz	30 THz	N/A	5 mm \varnothing
THZ9B-BL	20 mW	100 nW	0.1 THz	30 THz	N/A	9 mm \varnothing
QS2-THZ-BL	140 kV/W	N/A	0.1 THz	30 THz	N/A	2 x 2 mm
QS5-THZ-BL	70 kV/W	N/A	0.1 THz	30 THz	N/A	5 mm \varnothing
QS9-THZ-BL	30 kV/W	N/A	0.1 THz	30 THz	N/A	9 mm \varnothing



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