

ENERGY DETECTOR

Low energy measurement

Available with

integra

PE : PHOTODETECTORS



- Available in 3 sizes:
 - 3 mm Ø
 - 5 mm Ø
 - 10 mm Ø
- 3 choices of absorber for different wavelength ranges:
 - Silicon
 - Germanium
 - InGaAs
- Extremely low noise: as low as 8 fJ

■ LOWEST NOISE LEVEL OF ALL ENERGY DETECTORS

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integra

QE-8: HIGH-SENSITIVITY PYROELECTRIC DETECTORS



Our pyroelectric energy detectors have very low noise levels combined with a large bandwidth. They have everything you need to accurately measure extremely low energy from the DUV to the FIR.

- 8 mm Ø aperture
- 2 choices of absorber:
 - MF: Fast response and high sensitivity
 - BL: Flat spectral response
- Broadband, from the DUV to the FIR
- Very low noise: as low as 50 nJ

■ MEASURE LOW ENERGY AT ANY WAVELENGTH

MACH 6: MEASURE ALL PULSES UP TO 200 KHz



- High-speed digital joulemeter:
 - Measures EVERY PULSE at 200 kHz
- Capture and store up to 4 million pulses at the maximum repetition rate
- Track missing pulses and pulses below threshold
- Wide energy range: measure from pJ to mJ

■ 200 kHz ENERGY METER

PHOTO
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