



gentec-

QUAD-9-MT-P

4-quadrant laser position sensing detector for CW lasers (using a chopper).



PRODUCT FAMILY KEY FEATURES

MEASURE, TRACK AND ALIGN Follow your laser beam wherever it goes.

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4-CHANNEL DETECTORS Unique quadrant detector technology senses laser beam position with high resolution.

FOR CW, PULSED AND HIGH REP RATE LASERS

- QUAD-E: energy per pulse from µJ to mJ
- QUAD-P: powers from µW to mW

FROM UV TO FIR AND THZ

Absorbers to cover all sources, from UV to millimeter wavelengths

LARGE AREA SENSORS

9 mm and 20 mm square detectors

FAST USB 2.0 CONNECTION

Ensures full speed tracking

INCLUDES APPLICATION SOFTWARE

Complete LabView application software included, with many features

COMPATIBLE STAND

STAND-D-233



MEASUREMENT CAPABILITIES	
Noise equivalent power	۱µW
Spectral range	0.1 - 3000 µm
Typical rise time	0.02 s
Typical power sensitivity	2000 V/W
Minimum beam size ¹	4.5 mm Ø
Minimum position resolution	10 µm
Maximum chopping frequency	50 Hz
1. For optimal performance	
DAMAGE THRESHOLDS	
Maximum average power density ¹	0.1 W/cm ²
Maximum energy density ²	50 mJ/cm ²
1. At 1064 nm. 2. At 1064 nm, 10 ns.	
PHYSICAL CHARACTERISTICS	
Aperture width	9 mm
Aperture height	9 mm
Absorber	MT
Dimensions	63.5Ø X 40.6D mm
Weight	0.18 kg

ORDERING INFORMATION





201776

QUAD-9-MT-P

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us