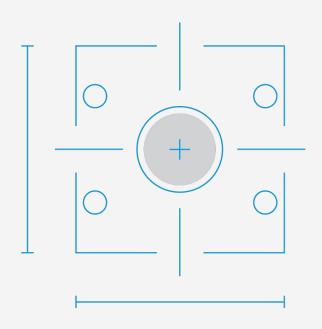




QE195LP-H-MB-QED-D0

Pyroelectric detector for laser energy measurement up to 700 J.



PRODUCT FAMILY KEY FEATURES

CUSTOM-BUILT

Contact us with your requirements for a version tailored to your needs

MODULAR CONCEPT

Increase the power capability of your detector: 2 different cooling modules

EXTRA LARGE APERTURE

Effective aperture of 195 mm Ø

QED ATTENUATOR AVAILABLE

Measure up to 5X higher energies. Available with optional calibration, all wavelengths between 532 & 1064 nm, or single wavelength. Read mo

0.3 - 2.1 µm

<0.5%

±3 %

TEST TARGET INCLUDED

With the MR models

SMART INTERFACE

Containing all the calibration data

COMPATIBLE STAND

STAND-D-443

SPECIFICATIONS

Spectral range¹ Repeatability

200 Hz Maximum repetition frequency² 700 J Maximum measurable energy³ 200 μJ Noise equivalent energy⁴ 5 ms Maximum pulse width⁵

Energy calibration uncertainty 1. For the calibrated spectral range, see the user manual.

- 2. These products are custom-built. Contact us with your requirements for a version tailored to your needs.
- These products are custom-built. Contact us with your requirements for a version tailored to your needs.
 Nominal value. Actual value depends on electrical noise in the measurement system.
- 5. These products are custom-built. Contact us with your requirements for a version tailored to your needs.

DAMAGE THRESHOLDS

MEASUREMENT CAPABILITIES

Maximum average power density ¹	600 W/cm ²
Maximum energy density ²	8 J/cm ²
Maximum power	350 W

- 1. May vary with wavelength and average power.
- 2. At 1064 nm, 7 ns, 10 Hz. May vary with wavelength and pulse width.

PHYSICAL CHARACTERISTICS

Cooling	Convection (heatsink)
Aperture diameter	185 mm
Absorber	QED
Dimensions	229H x 229W x 107D mm

5.3 kg Weight

ORDERING INFORMATION

QE195LP-H-MB-QED-D0

QE195LP-H-MB-QED-INT-D0





QE195LP-H-MB-QED-INE-D0

QE195LP-H-MB-QED-IDR-D0

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