

## 0.19 - 20 $\mu$ m, 15J, Pyroelectric Energy Detector



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Stock **#78-469** **1 In Stock**

⊖ 1 ⊕ **\$4,312<sup>00</sup>**

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### Volume Pricing

Qty 1-4	<b>\$4,312.00</b> each
Qty 5+	<b>\$3,885.00</b> each
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### Product Downloads

Maximum Incident Energy Density (J/cm<sup>2</sup>, 10ns Pulses):

0.6

### General

QE50LP-H-MB-INT-D0 **Model Number:**

Heatsink **Cooling Method:**

1 of [\(#15-267\)](#) is included **Note:**

15 **Maximum Incident Energy (J):**

Integra (Integrated) **Compatible Meters:**

## Physical & Mechanical Properties

75 x 75 x 44 **Dimensions (mm):**

338 **Weight (g):**

0.34 **Weight (kg):**

50 x 50 **Active Area (mm):**

## Optical Properties

190 - 20000 **Wavelength Range (nm):**

0.19 - 20 **Wavelength Range (µm):**

## Sensor

Pyroelectric **Type of Sensor:**

## Electrical

20,000 **Maximum Incident Beam Power (mW):**

20 **Maximum Incident Beam Power (W):**

10 µJ **Noise Level:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Photodetectors, Thermopiles, and Pyroelectric Detectors Available
- Various Active Area Sizes Across a Wide Range of Sensitivities
- [Meterless](#) and [Wireless](#) Detectors Also Available

Gentec-EO Integra USB Power and Energy Detectors combine a power meter and detector in one convenient package while providing fast response times and accurate measurements for beam analysis. These detectors are designed with a USB connector for easy connection to a PC or other acquisition system and include user-friendly software allowing for control via PC or serial commands. Versatile pyroelectric energy detectors with broadband coatings are optimized for low to high power densities. Gentec-EO Integra USB Power and Energy Detectors can be used with a variety of laser powers ranging from the nanowatts to multi-kilowatts. These detectors are ideal for laser energy measurement, thermal imaging, and remote sensing applications.