

0.19 - 20µm, 3W, Thermopile Power Detector



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Stock #78-464 **1 In Stock**

- 1 + €2.115⁰⁰

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Volume Pricing

Qty 1-4	€2.115,00 each
Qty 5+	€1.900,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:
XLP12-3S-H2-INT-D0

Cooling Method:
Convection

Compatible Meters:
Integra (Integrated)

Physical & Mechanical Properties

73 x 73 x 20 **Dimensions (mm):**

310 **Weight (g):**

0.31 **Weight (kg):**

12 **Active Area (mm):**

Optical Properties

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

0.19 - 20 **Wavelength Range (μm):**

Sensor

Thermopile **Type of Sensor:**

Electrical

3,000 **Maximum Incident Beam Power (mW):**

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

1,000 **Maximum Incident Power Density (W/cm²):**

1 **Maximum Incident Power Density (kW/cm²):**

1 **Maximum Incident Energy Density (J/cm², 10ns Pulses):**

0.5 μW **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.