

0.19 - 20 μ m, 3W, Thermopile Power Detector



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Volume Pricing

Qty 1-4	A\$3,384.00 each
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Maximum Incident Energy Density (J/cm², 10ns Pulses):

1

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):**

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.