

0.19 - 20μm, 15W, Thermopile Power & Energy Detector



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Stock **#78-466** NEW CONTACT US

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+

SS\$2,555⁰⁰

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Volume Pricing	
Qty 1-4	SS\$2,555.00 each
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Product Downloads

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

General	
UP19K-15S-INT-D0	Model Number:
Convection	Cooling Method:
Integra (Integrated)	Compatible Meters:

Physical & Mechanical Properties	
50 x50 x20.6	Dimensions (mm):
160	Weight (g):
0.16	Weight (kg):
19	Active Area (mm):
Optical Properties	
190 - 20000	Wavelength Range (nm):
0.19 - 20	Wavelength Range (µm):
Sensor	
Thermopile	Type of Sensor:
Electrical	
15,000	Maximum Incident Beam Power (mW):
15	Maximum Incident Beam Power (W):
36,000	Maximum Incident Power Density (W/cm²):
36	Maximum Incident Power Density (kW/cm²):
1 mW	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.