

0.19 - 20μm, 110W, Thermopile Power & Energy Detector



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Stock **#78-465** NEW **1 In Stock**

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1

+

£1,760⁰⁰

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Volume Pricing	
Qty 1-4	£1,760.00 each
Qty 5+	£1,584.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

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

General	
UP19k-100F-H9-INT-D0 (US)	Model Number:
Fan Cooled	Cooling Method:
Compatible Meters:	

Integra (Integrated)	
Physical & Mechanical Properties	
54.2 x 54.2 x 55.6	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	
110,000	Maximum Incident Beam Power (mW):
110	Maximum Incident Beam Power (W):
45,000	Maximum Incident Power Density (W/cm²):
45	Maximum Incident Power Density (kW/cm²):
3 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.