

0.19 - 20µm, 300W, Thermopile Power & Energy Detector



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Stock #78-467 NEW **1 In Stock**

⊖ 1 ⊕ €2.890⁰⁰

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

1

General

Model Number:
UP55N-300F-H12-INT-D0 (US)

Cooling Method:
Fan Cooled

Compatible Meters:

Physical & Mechanical Properties89 x 89 x 116 **Dimensions (mm):**1,410 **Weight (g):**1.41 **Weight (kg):**55 **Active Area (mm):****Optical Properties**190 - 20000 **Wavelength Range (nm):**0.19 - 20 **Wavelength Range (μm):****Sensor**Thermopile **Type of Sensor:****Electrical**300,000 **Maximum Incident Beam Power (mW):**300 **Maximum Incident Beam Power (W):**45,000 **Maximum Incident Power Density (W/cm²):**45 **Maximum Incident Power Density (kW/cm²):**15 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.