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Coherent® EnergyMax 1110573 | 1000μJ-2000mJ, DB25

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Coherent® EnergyMax Laser Energy Sensors

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 1

+

£1,560⁰⁰

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Product Downloads

General	
Model Number:	
J-50MB-HE Coherent Part Number: 1110573	
Type:	
Meter required	
Linearity (%):	
±3	
Calibration Uncertainty (%):	
±2	

<33	Noise Equivalent Energy (μJ):
#88-412 or #35-203	Compatible Meters:

500mJ/cm² (10ns, 1064nm)	Maximum Incident Energy Density:
1mJ - 2J	Energy Range:

#66-277	Preferred Meter:
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Physical & Mechanical Properties

50	Active Area Diameter (mm):
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Optical Properties

1064	Calibration Wavelength (nm):
57	Maximum Pulse Width (μs):

190 - 12000	Wavelength Range (nm):
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Sensor

Pyroelectric	Type of Sensor:
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Electrical

300	Maximum Repetition Rate (pps):
10	Maximum Incident Beam Power (W):

Hardware & Interface Connectivity

DB25	Connector:
2.5	Length of Cable (m):

Regulatory Compliance

Exempt	RoHS 2015:
Contains SVHC(s)	Reach 224:

View	Certificate of Conformance:
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Product Details

- ISO 17025 Certified
- Embedded Spectral Compensation Characteristics
- Automatic Temperature Compensation

Coherent® EnergyMax Laser Energy Sensors are designed for a variety of demanding laser measurement applications. These energy sensors, available in meter or meterless USB configurations, incorporate a diffuse coating to minimize specular reflection and feature large active areas. The J-50MB-YAG combines the MaxBlack coating with a diffuser for use with high energy lasers of up to 3J. Coherent® EnergyMax Laser Energy Sensors utilize onboard sensors to automate temperature compensation for improved measurement accuracy.