

Coherent® FieldMate Laser Power Meter 1098297

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#59-978 (sensor sold separately)

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+

C\$1,610^{.00}

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SPECIFICATIONS

General	
1098297	Model Number:
Power Only	Type:
±1	Display Accuracy (%):

Calibration Uncertainty (%):	
±1.0	
Note: Coherent® Thermopile Power Sensors , Position Sensing Thermopile Power Sensors , Laser Energy Sensors , or High Sensitivity Sensors Sold Separately	
Physical & Mechanical Properties	
193.00	Length (mm):
117.00	Width (mm):
0.8	Weight (kg):
46	Depth (mm):
Optical Properties	
Resolution:	
0.1% of Full Scale (10s Scale)	
Electrical	
Analog Output:	
0 to 2 V	
Power Sampling Rate (Hz):	
20	
Hardware & Interface Connectivity	
Power Supply:	
100-240 V AC, 50/60 Hz OR 2 9V alkaline batteries	
Environmental & Durability Factors	
Operating Temperature (°C):	
+5 to +40	
Storage Temperature (°C):	
-20 to +70	
Regulatory Compliance	
RoHS 2015:	
Exempt	
Reach 224:	
Contains SVHC(s)	
Certificate of Conformance:	
View	

PRODUCT DETAILS

- Coherent® [Thermopile Power Sensors](#), [Position Sensing Thermopile Sensors](#), [Laser Energy Sensors](#), or [High Sensitivity Sensors](#) Sold Separately
- FieldMate Used to Measure Laser Power
- FieldMaxII Used to Measure Laser Power and Energy
- ISO 17025 Certified

Coherent® Laser Power and Energy Meters are designed to accurately measure and help tune the power or energy of continuous wave and pulsed lasers. The FieldMate, which features an analog needle with a large LCD display, is compatible with thermopile or optical sensors and is an economical solution for measuring laser power when advanced data analysis is not necessary. The FieldMaxII utilizes a large, backlit LCD screen and features a USB interface for computer connectivity. Coherent® Laser Power and Energy Meters feature FieldMaxII-TO, which is compatible with thermopile or optical sensors, while the FieldMaxII-TOP is compatible with thermopile, optical, or pyroelectric sensors. The LabMax is an all-in-one solution for measuring laser power or energy and is ideal for applications requiring advanced data analysis. The LabMax-TOP is compatible with thermopile, optical, or pyroelectric sensors. The LabMaxPro is the most advanced power and energy meter and is compatible with thermopile, optical, and pyroelectric sensors, as well as the PowerMaxPro high speed sensor technology. The LabMaxPro can provide advanced analysis up to 625kHz