

# Coherent® LabMax Touch Power and Energy Meter 2256258

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⊖ 1 ⊕ S\$3,171<sup>00</sup>

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### General

2256258 **Model Number:**

Power and Energy **Type:**

±1 **Display Accuracy (%):**

±1.0 **Calibration Uncertainty (%):**

**Note:**

Meter supplied with Ac power adapter, power cord, USB cable, 2.5mm stereo AUX to DB9RS-232 cable, 3.5mm AUX to BNC Trigger cable, Multi-Output cable (analog out, trigger out, flag out), and certificate of calibration. Cat5 Ethernet cable and HDMI cable are customer supplied.  
 Coherent® [Thermopile Power Sensors](#), [Position Sensing Thermopile Power Sensors](#), [Laser Energy Sensors](#), or [High Sensitivity Sensors](#) Sold Separately

**Physical & Mechanical Properties**

238.00 **Length (mm):**

238 x 162 x 51 mm **Dimensions (mm):**

162.00 **Width (mm):**

1.19 **Weight (kg):**

51 **Depth (mm):**

**Optical Properties**

**Resolution:**  
 $\pm 0.04\%$  (25% to full scale),  $\pm 0.26\%$  (5% to 25% of full scale),  $\pm 1\%$  (min to 5% of full scale)

**Electrical**

0 to 1, 2, or 4 VDC (selectable) **Analog Output:**

10 **Power Sampling Rate (Hz):**

**Hardware & Interface Connectivity**

90 to 260 VAC, 50/60 Hz AC **Power Supply:**

Ethernet, USB, RS-232, PC application **Computer Interface:**

**Environmental & Durability Factors**

+5 to +40 **Operating Temperature (°C):**

-20 to +70 **Storage Temperature (°C):**

**Regulatory Compliance**

[View](#) **Certificate of Conformance:**

**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
- FieldMaxI 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 FieldMaxI utilizes a large, backlit LCD screen and features a USB interface for computer connectivity. Coherent® Laser Power and Energy Meters feature FieldMaxI-TO, which is compatible with thermopile or optical sensors, while the FieldMaxI-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 LabMax Pro is the most advanced power and energy meter and is compatible with thermopile, optical, and pyroelectric sensors, as well as the PowerMax Pro high speed sensor technology. The LabMax Pro can provide advanced analysis up to 625kHz