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 FieldMaxII-P™ Quick Start Guide
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Quick Start Guide *FieldMaxII-P™* *Laser Energy Meter*



This guide presents a “mini-tutorial” that explains how to connect a sensor to your FieldMaxII-P meter and begin taking measurements within minutes. For in-depth information about the FieldMaxII-P meter, refer to the *FieldMaxII-P User Manual* (1086242).

Software Installation

For complete software installation instructions, refer to the *FieldMaxII™ Software Installation Quick Start Guide* (1096359) that shipped with your product.

Before using the procedures explained in this guide, read the following safety warnings.



Follow all laser safety procedures. The laser must be blocked or switched OFF before beginning the procedures described in this guide.

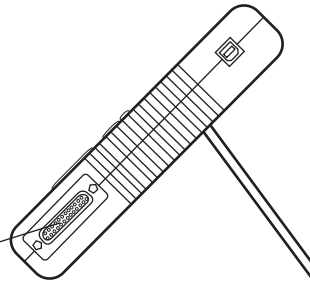


Power to the FieldMaxII-P instrument must be OFF before beginning the procedures described in this guide.

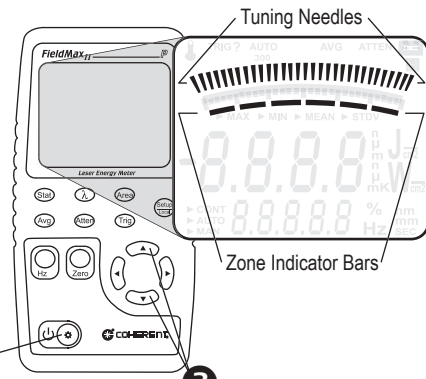


Do not exceed the power density limits of the sensor.

Tuning a Laser With a Pyroelectric Sensor



1 Connect a pyroelectric sensor to the FieldMaxII-P 25-pin connector. *Note: If your sensor has a BNC plug, you will need to attach a 25-pin adapter.*



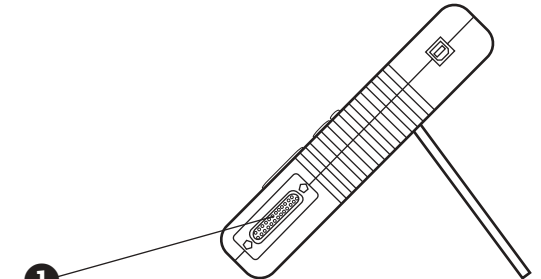
2 Apply power to the instrument.

3 Use the Up and Down arrows to select the appropriate measurement range.

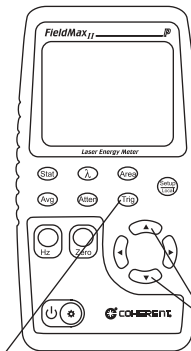
Tuning is shown on the display using tuning needles and zone indicator bars. The tuning needles (at the top of the display) are now zoomed in to enhance laser tuning. For detailed information about Tuning mode, refer to the *FieldMaxII-P User Manual*.

Measuring Energy With a Pyroelectric Sensor

The following illustration outlines how to set up a pyroelectric sensor to take an energy measurement



1 Connect a pyroelectric sensor to the FieldMaxII-P 25-pin connector. *Note: If your sensor has a BNC plug, you will need to attach a 25-pin adapter.*



2 Press either the Up or Down arrow to manually select the range.

3 Adjust the trigger threshold from 2 to 20% of range. Make sure the trigger threshold is set *below* the energy you plan to measure.

4 Take the measurement and observe the result on the display.