

## PRONTO-250-PLUS

Portable laser power meter for up to 250 W.



### KEY FEATURES

#### POCKET-SIZE

This mid to high power handheld probe is so compact it fits in your pocket!

#### EASY-TO-USE

The touch screen color LCD allows for a friendly user interface. You can make a measurement with just the touch of a button!

#### USER SETABLE

You can set the wavelength, brightness and screen orientation to adapt to your application.

#### DATA LOGGING

Save your data to the internal memory and then transfer it to your PC over the USB connection.

#### FROM LOW TO HIGH POWERS

Thanks to a low noise level and high damage threshold, the PRONTO can measure powers from 1 W to 250 W.

#### FULLY CALIBRATED

The PRONTO-250 comes fully calibrated: every wavelength between 248 nm and 2.5  $\mu\text{m}$  (YAG), and a real calibration at 10.6  $\mu\text{m}$  ( $\text{CO}_2$ ). The PRONTO-250-PLUS has all these calibrations and is also calibrated for energy measurements.

#### HANDS-FREE OPERATION

Place it on a flat surface or use one of the 2 threaded holes that we have integrated in the casing for safe use with optical stands.

#### COMPATIBLE STAND

[STAND-S-233](#)

## SPECIFICATIONS

### MEASUREMENT CAPABILITIES

Maximum average power	250 W
Minimum average power	0.5 W
Noise equivalent power	10 mW
Spectral range <sup>1</sup>	0.19 - 20 $\mu\text{m}$
Power calibration uncertainty	$\pm 3\%$
Exposure time	5 s

1. Included calibrations: 248 nm to 2.5  $\mu\text{m}$  (YAG), 10.6  $\mu\text{m}$  ( $\text{CO}_2$ ) and single-shot energy.

### MEASUREMENT CAPABILITIES (ENERGY MODE)

Maximum measurable energy	25 J
Noise equivalent energy	60 mJ
Minimum repetition period	4 s
Maximum pulse width	88 ms
Energy calibration uncertainty	$\pm 5\%$

### CONTINUOUS POWER MODE

Maximum average power (continuous)	8 W
Response time	1.5 s

### DAMAGE THRESHOLDS

Maximum average power density	45 $\text{kW}/\text{cm}^2$
Maximum allowable casing temperature	65 $^\circ\text{C}$

## CONTROLLER AND GUI SPECIFICATIONS

Battery type	Rechargeable Li-ion
Battery life	17 hours or 4,200 measurements (with brightness set at 25%)
Display resolution	1 mW
Display size	28.0 x 35.0 mm (128 x 160 pixels)
Display type	Touch Screen Color LCD
Backlight	Adjustable
Internet upgrades via	USB
Data storage	50,000 pts
Battery recharge via	USB

## PHYSICAL CHARACTERISTICS

Aperture diameter	19 mm
Absorber	H9
Dimensions	59.0W x 181.4L x 17.0D
Weight	0.21 kg
Mounting holes	2 x 1/4-20

## ORDERING INFORMATION

PRONTO-250-PLUS	203208
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INTERESTED IN THIS PRODUCT?

GET A QUOTE

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