

PRONTO-250

0.5 W - 250 W Power Probe with Touch Screen Controls

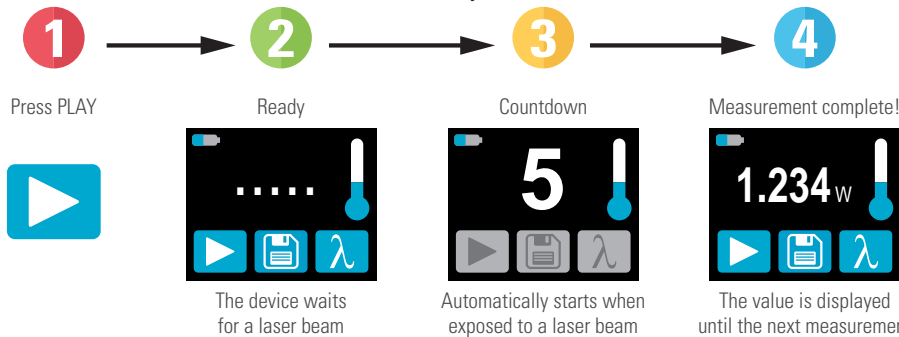


KEY FEATURES

- 1. POCKET-SIZE**
This mid to high power laser probe is so compact it fits in your pocket!
- 2. 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!
- 3. USER SETTABLE**
You can set the wavelength, brightness and screen orientation to adapt to your application
- 4. DATA LOGGING**
Save your data to the internal memory and then transfer it to your PC over the USB connection.
- 5. FROM LOW TO HIGH POWERS**
Thanks to a low noise level and high damage threshold, the Pronto can measure powers from 0.5 W to 250 W
- 6. YAG AND CO₂ CALIBRATIONS**
The Pronto-250 comes fully calibrated: every wavelength between 248 nm and 2.5 μm (YAG), and a real calibration at 10.6 μm (CO₂)
- 7. 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.

USER INTERFACE

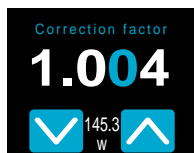
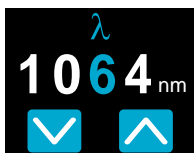
Make a measurement in just a few seconds



Adjust the Wavelength and Calibration

Wavelength

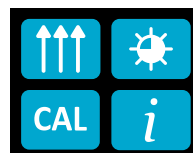
Calibration



Warns you when the device is too hot*



Set the Brightness and Orientation



HANDS-FREE



DATA TRANSFER TO PC



MONITORS

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTO DETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

PRONTO-250

SPECIFICATIONS

PRONTO-250

MAX AVERAGE POWER	250 W
EFFECTIVE APERTURE	19 mm Ø
INTERFACE	Touch Screen Color LCD Display

MEASUREMENT CAPABILITY

Spectral Range	0.19 - 20 µm
Calibrated Spectral Range	0.248 – 2.5 µm and 10.6 µm
Noise Equivalent Power	10 mW
Minimum Measurable Power	0.5 W
Response Time	5 sec
Measurement Accuracy	± 3 %
Display Resolution	1 mW

DAMAGE THRESHOLDS

Maximum Average Power Density ^a	45 kW/cm ²
Maximum Exposure Time	5 sec
Maximum Device Temperature	65°C

USER INTERFACE

Measurement Controls	Wavelength Selection and User Calibration
Data Acquisition and Transfer	Simple On/Off Controls, saves to on-board memory and transfers data to the PC using the USB connection
Screen Personalization	Orientation and Brightness controls
Battery Indicator	On-screen indicator with 4 levels

GENERAL SPECIFICATIONS

Display Type	Touch Screen Color LCD
Display Size	28.0 x 35.0 mm (128 x 160 pixels)
Backlight	Adjustable
Internet Upgrades Via	USB port
Data Storage	50,000 pts
Battery Type	Rechargeable Li-ion
Battery Life	17 hours or 4 200 measurements (with brightness set at 25%)
Battery Recharge Via	USB port
Operating Temperature Range	15 - 28 °C (max 80% RH)

PHYSICAL CHARACTERISTICS

Effective Aperture	19 mm Ø
Absorber	H9
Mounting Holes (for Post)	2 x 8-32
Dimensions	41.0W x 181.4L x 17.0D
Weight	210 g

ORDERING INFORMATION

Product Name	PRONTO-250
Product Number	202917

Specifications are subject to change without notice

a. At 1064 nm, 10 W, CW.