

PRONTO

PRELIMINARY

250 W Power Probe with Touch Screen Controls

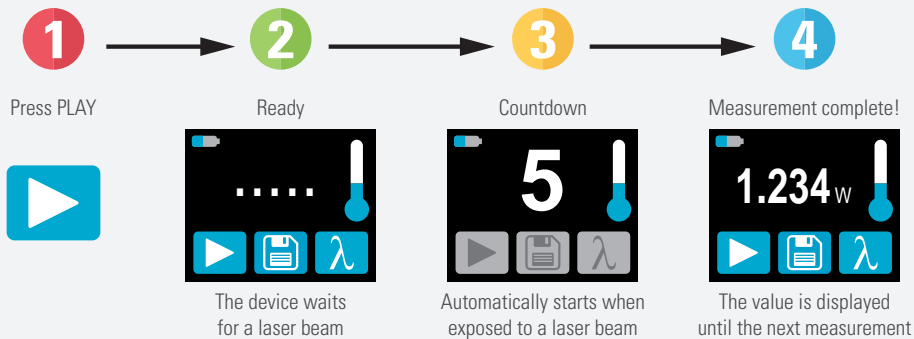
KEY FEATURES

- POCKET-SIZE**
This mid to high power laser 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 SETTABLE**
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
- YAG OR CO₂ CALIBRATION**
2 models available:
 - Pronto-250: Calibrated at every wavelength between 248 nm and 2.5 μm , with a typical value at 10.6 μm
 - Pronto-250-CO₂: Calibrated at 10.6 μm
- 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.

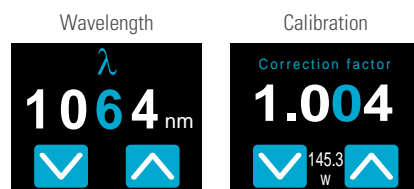


USER INTERFACE

Make a measurement in just a few seconds



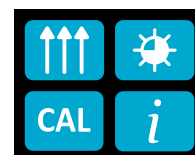
Adjust the Wavelength and Calibration



Warns you when the device is too hot*



Set the Brightness and Orientation



* Device may get hot, it is not recommended for handheld use when making a measurement

MONITORS

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTO DETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

PRONTO

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SPECIFICATIONS

	PRONTO-250	PRONTO-250-CO ₂
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 ^a	10.6 µm
Noise Equivalent Power	10 mW	
Response Time	5 sec	
Measurement Accuracy	± 3 %	
Display Resolution	1 mW	
DAMAGE THRESHOLDS		
Maximum Average Power Density ^b	45 kW/cm ²	
Maximum Exposure Time	5 sec	
Maximum Device Temperature	65°C	
USER INTERFACE		
Measurement Controls	Zero Offset, Wavelength Selection, Reset Data 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	
Battery Type	Rechargeable Li-ion	
Battery Life	20 hours or 5 000 measurements	
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	PRONTO-250-CO ₂
Product Number	TBD	TBD

Specifications are subject to change without notice

a. With typical value at 10.6 µm

b. At 1064 nm, 10 W, CW.