PRONTO-500-IPL

Portable Laser Probe for IPL Sources, 2 - 350 J per pulse

NEW

KEY FEATURES

1. **HIGH ENERGY PER PULSE**
   Accurate readings up to 350 J/pulse!
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. **DATA LOGGING**
   Save your data to the internal memory and then transfer it to your PC over the USB connection.
4. **LARGE APERTURE**
   55 mm Ø aperture to accommodate large beams
5. **RUGGED**
   - All-metal body
   - High Damage Thresholds
6. **PROTECTIVE WINDOW**
   - For measurements with gel-coupled IPL heads.
   - Protects the absorber, easy to clean

USER INTERFACE (SSE MODE)

Wait…

The device waits for a laser beam

Trigger detected

Automatically starts when exposed to a laser beam

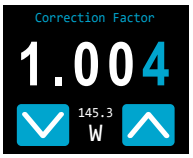
Measurement complete!

The value is displayed until the next measurement

Adjust the Wavelength and Calibration

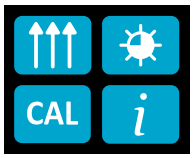
Wavelength

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

ACCESSORIES

Stand with Steel Post
(Model Number: 200234)

Pelican Carrying Case

SEE ALSO

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PRONTO-500-IPL

SPECIFICATIONS

	NEW PRONTO-500-IPL
MAX PULSE ENERGY (SINGLE SHOT)	350 J
EFFECTIVE APERTURE	55 mm Ø
APERTURE TYPE	Full Aperture with Protective Window
MEASUREMENT CAPABILITY	
Spectral Range	0.19 - 2.5 µm
Calibrated Spectral Range	1064 nm
Energy Range	2 - 350 J
Noise Equivalent Energy	500 mJ
Sensitivity	0.013 mV/J
Response Time	2 sec
Minimum Repetition Period	15 sec (= time between measurements)
Maximum Pulse Width	433 ms
Accuracy	±5 %
DAMAGE THRESHOLDS	
Maximum Average Power Density	45 kW/cm^2 (1064 nm, 10 W, CW)
Pulsed Laser Damage Threshold	175 J/cm^2 (10 ms pulses)
Maximum Allowable Absorber Temperature	65 °C
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	55 mm Ø
Dimensions (Sensor Head)	88W x 88L x 32D mm (194L with handle)
Dimensions (Monitor)	41W x 136L x 15D mm
Weight	930 g
ORDERING INFORMATION	
Common Product Name	PRONTO-500-IPL
Product Number (without stand)	203467

Specifications are subject to change without notice // Compatible stand: P/N 200234