

PRONTO-500-IPL

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



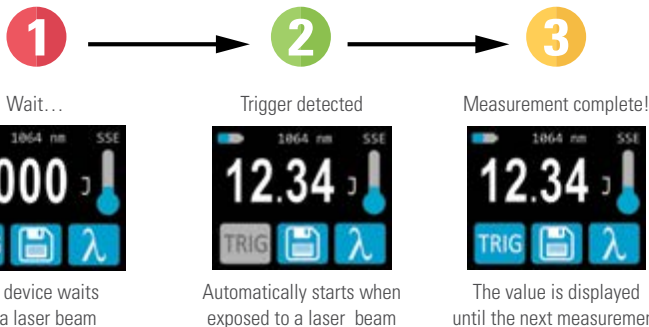
NEW



KEY FEATURES

- HIGH ENERGY PER PULSE**
Accurate readings up to 350 J/pulse!
- 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!
- DATA LOGGING**
Save your data to the internal memory and then transfer it to your PC over the USB connection.
- LARGE APERTURE**
55 mm Ø aperture to accommodate large beams
- RUGGED**
 - All-metal body
 - High Damage Thresholds
- PROTECTIVE WINDOW**
 - For measurements with gel-coupled IPL heads.
 - Protects the absorber, easy to clean
- SERIAL COMMANDS**
Serial commands are available to let you take full control of your Pronto from your PC.

USER INTERFACE (SSE MODE)



ACCESSORIES



Stand with Steel Post
(Model Number: 200234)

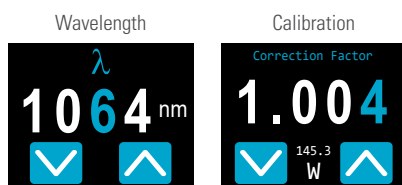


Pelican Carrying Case

SEE ALSO

HOW IT WORKS	12
CALIBRATION	6
TECHNICAL DRAWINGS	62
ABSORPTION CURVES	100
LIST OF ALL ACCESSORIES	198

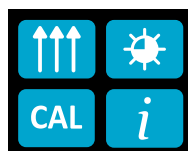
Adjust the Wavelength and Calibration



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-500-IPL



*Also traceable to NRC-CNRC

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

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