

# RONTO-500-IPL

Portable laser probe for IPL sources, 2 - 350 J per pulse



**USER INTERFACE (SSE MODE)** 







The device waits for a laser beam

Wavelength

6 Λ 4

Adjust the Wavelength and Calibration

Calibration

004

Automatically starts when exposed to a laser beam The value is displayed until the next measurement

> Set the Brightness and Orientation Warns you when the device is too hot\*



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**KEY FEATURES** 

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> HIGH ENERGY PER PULSE Accurate readings up to 350 J/pulse!

#### > EASY TO USE

The touchscreen 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 them 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.

### ACCESSORIES







Stand with steel post

Pelican carrying case

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PRON	TO-	·50(	)-l	PL
Spacifications				

CE
NIST\*

Traceable
Image: Second sec



MAX PULSE ENERGY 350 J (SINGLE SHOT) 350 J EFFECTIVE APERTURE 55 mm Ø APERTURE TYPE Full apertu 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/2 Response time 2 s	
ISINGLE SHOT)     EFFECTIVE APERTURE   55 mm Ø     APERTURE TYPE   Full apertu     MEASUREMENT CAPABILITY     Spectral range   0.19 - 2.5 µm     Calibrated spectral range   0.064 nm     Energy range   2 - 350 J     Noise equivalent energy   500 mJ     Sensitivity   0.013 mV/2     Response time   2 s	m
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Calibrated spectral range 1064 nm   Energy range 2 - 350 J   Noise equivalent energy 500 mJ   Sensitivity 0.013 mV/2   Response time 2 s	
Noise equivalent energy 500 mJ   Sensitivity 0.013 mV/3   Response time 2 s	
Sensitivity 0.013 mV/3   Response time 2 s	
Response time 2 s	
	J
Minimum repetition period 15 s (= time	
	between measurements)
Maximum pulse width 433 ms	
Accuracy ± 5%	
DAMAGE THRESHOLDS	
	<sup>2</sup> (1064 nm, 10 W, CW)
Pulsed laser damage threshold 175 J/cm <sup>2</sup> (	'IO ms pulses)
Maximum allowable absorber temperature 65 °C	
GENERAL SPECIFICATIONS	
Display type Touchscree	en Color LCD
Display size 28.0 x 35.0	mm (128 x 160 pixels)
Data storage 50 000 pts	i
Battery type Rechargea	ble Li-ion
Battery life 17 hours or	4 200 measurements (with brightness set at 25%)
Battery recharge via USB port	
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	
Compatible stand STAND-S-4	443
Product page	

Specifications are subject to change without notice

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