

PRONTO-500-IPL

Portable energy meter with protective window for IPL sources.



PRODUCT FAMILY KEY FEATURES

The PRONTO-500-IPL replaces the FLASH-500-55-W-IPL and FLASH-500-55-W-IPL-C that are now discontinued.

The PRONTO model offer the same measurement capabilities, but with new and improved electronics that allow for data logging, more calibration points and USB connection for data transfer and charging the battery.

HIGH ENERGY PER PULSE

Accurate readings up to 350 J/pulse!

EASY OPERATION

Color touch screen display

LARGE APERTURE

55 mm aperture to accommodate large beams

RUGGED

- All-metal body
- High damage thresholds

ADVANCED FEATURES

Data logging and data transfer to PC

COMPATIBLE STAND

[STAND-S-443](#)

SPECIFICATIONS

MEASUREMENT CAPABILITIES

Spectral range ¹	0.193 - 2.5 μm
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1. For the calibrated spectral range, see the user manual.

MEASUREMENT CAPABILITIES (ENERGY MODE)

Maximum measurable energy	350 J
Noise equivalent energy	500 mJ
Minimum repetition period	15 s
Maximum pulse width	433 ms
Energy calibration uncertainty	$\pm 5\%$
Minimum measurable energy	2 J

DAMAGE THRESHOLDS

Maximum average power density ¹	45 kW/cm^2
Maximum energy density ²	175 J/cm^2
Maximum allowable casing temperature	65 $^{\circ}\text{C}$
Maximum power	500 W

1. At 1064 nm, 10 W CW. May vary with wavelength and average power.

2. At 1064 nm, 10 ms. May vary with wavelength and pulse width.

CONTROLLER AND GUI SPECIFICATIONS

Battery type	Rechargeable Li-ion
Battery life	17 hours or 4,200 measurements (with brightness set at 25%)
Display size	28.0 x 35.0 mm (128 x 160 pixels)
Display type	Touch Screen Color LCD
Backlight	Adjustable

Internet upgrades via	USB
Data storage	50,000 pts
Battery recharge via	USB
PHYSICAL CHARACTERISTICS	
Aperture diameter	55 mm
Absorber	H9
Dimensions	88W x 88L x 32D mm
Weight	0.93 kg
Mounting holes	1 x 8-32, 2 x 1/4-20
ORDERING INFORMATION	
PRONTO-500-IPL	203467

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us