

PRONTO-500

Portable laser power meter for up to 500 W.



KEY FEATURES

The PRONTO series for high power replaces the FLASH series that is now discontinued. The PRONTO models offer the same laser 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.

WIDE POWER RANGE

Very low noise level = wide power range with just one device

NO-WAIT MEASUREMENTS

5 seconds measurements allow for very short cooling time (all models except PRONTO-3K)

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

Maximum average power	500 W
Minimum average power	1 W
Noise equivalent power	0.1 W
Spectral range ¹	0.193 - 20 μm
Power calibration uncertainty	$\pm 3\%$
Exposure time	5 s

1. For the calibrated spectral range, see the user manual.

CONTINUOUS POWER MODE

Maximum average power (continuous)	40 W
Response time	2 s

DAMAGE THRESHOLDS

Maximum average power density ¹	25 kW/cm^2
Maximum allowable casing temperature	65 $^{\circ}\text{C}$

1. At 1064 nm, 100 W CW. May vary with wavelength and average power.

CONTROLLER AND GUI SPECIFICATIONS

Battery type	Rechargeable Li-ion
Battery life	17 hours or 4,200 measurements (with brightness set at 25%)
Display resolution	4 digits
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	H
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	203466

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