DORGEAN
Beijing Dorgean Electronic Technology Co.,Ltd

Instrument Expert
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PARTNERS for ACCURACY

PRONTO-50-W5

Portable laser power meter for up to 50 W.

PRODUCT FAMILY KEY FEATURES

POCKET-SIZE
This mid to high power handheld probe is so compact it fits in your pocket!

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!

USER SETTABLE
You can set the wavelength, brightness and screen orientation to adapt to your application.

DATA LOGGING
Save your data to the internal memory and then transfer it to your PC over the USB connection.

FROM LOW TO HIGH POWERS
Thanks to a low noise level and high damage threshold, the PRONTO can measure powers from 1 W to 50 W.

FULLY CALIBRATED
The PRONTO-50-W5 comes fully calibrated: every wavelength between 248 nm and 2.5 μm.

HANDS-FREE OPERATION
Place it on a flat surface or use one of the 2 threaded holes that we have integrated in the casing for safe use with optical stands.

COMPATIBLE STAND
STAND-S-233

SPECIFICATIONS

MEASUREMENT CAPABILITIES

Maximum average power	50 W
Minimum average power	0.5 W
Noise equivalent power	4 mW
Spectral range[1]	0.193 - 10 μm
Power calibration uncertainty	±3 %
Exposure time	5 s

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

DAMAGE THRESHOLDS

Maximum average power density[1]	100 kW/cm²
Maximum energy density[2]	1.1 J/cm²
Maximum allowable casing temperature	65 °C

1. At 1064 nm, 10 W CW. May vary with wavelength and average power.
2. At 1064 nm, 7 ns, 10 Hz. 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 resolution	1 mW
Display size	28.0 x 35.0 mm (128 x 160 pixels)
Display type	Touch Screen Color LCD
Backlight	Adjustable

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Internet upgrades via	USB
Data storage	50,000 pts
Battery recharge via	USB

PHYSICAL CHARACTERISTICS

Aperture diameter	19 mm
Absorber	W
Dimensions	59.0W x 181.4L x 17.0D
Weight	0.21 kg
Mounting holes	2 x 8-32

ORDERING INFORMATION

PRONTO-50-W5	203794

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