

PRONTO-SI

Portable photodiode-based laser power meter for up to 800 mW.



PRODUCT FAMILY KEY FEATURES

POCKET-SIZE

This low power laser probe is so compact it fits in your pocket!

SLIM PROFILE

The sensor part is only 6 mm thick, allowing it to fit into tight spaces

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!

VERY LOW POWER MEASUREMENTS

Thanks to its very low noise level of only 10 pW, the PRONTO-SI measures powers as low as 0.3 nW

SLIDE-IN ATTENUATOR

Just slide the OD1 integrated filter to the "on" position and you can measure up to 800 mW of continuous power.

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

COMPATIBLE STAND

[STAND-S-233](#)

SPECIFICATIONS

MEASUREMENT CAPABILITIES

Maximum average power ¹	800 mW
Minimum average power	200 pW
Noise equivalent power	10 pW
Spectral range	320 - 1100 nm
Typical rise time	0.2 s
Power calibration uncertainty ²	±6.0 % (320 - 399 nm) ±2.0 % (400 - 449 nm) ±1.5 % (450 - 809 nm) ±2.0 % (810 - 899 nm) ±4.0 % (900 - 1009 nm) ±7.5 % (1010 - 1100 nm)

Attenuator	Integrated Slide-In OD1 Attenuator
Minimum repetition rate	100 Hz

1. At 532 nm, with attenuator. See curves for maximum power at other wavelengths.
2. See user manual for calibration uncertainty with attenuator.

CONTINUOUS POWER MODE

Response time	0.2 s
---------------	-------

DAMAGE THRESHOLDS

Maximum average power density	100 W/cm ²
-------------------------------	-----------------------

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 pW

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 width	10 mm
Aperture height	10 mm
Absorber	Si
Dimensions	41.0W x 216.2L x 15.8D mm
Weight	0.15 kg
Mounting holes	1 x 8-32

ORDERING INFORMATION

PRONTO-Si	202963
-----------	--------

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