

## 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 ODI 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 <sup>1</sup>	800 mW
Minimum average power	200 pW
Noise equivalent power	10 pW
Spectral range	320 - 1100 nm
Power calibration uncertainty <sup>2</sup>	±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)
Exposure time	0.2 s
Attenuator	Integrated Slide-In ODI 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
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### DAMAGE THRESHOLDS

Maximum average power density	100 W/cm <sup>2</sup>
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### 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
<b>PHYSICAL CHARACTERISTICS</b>	
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
<b>ORDERING INFORMATION</b>	
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](http://gentec-eo.com/contact-us)