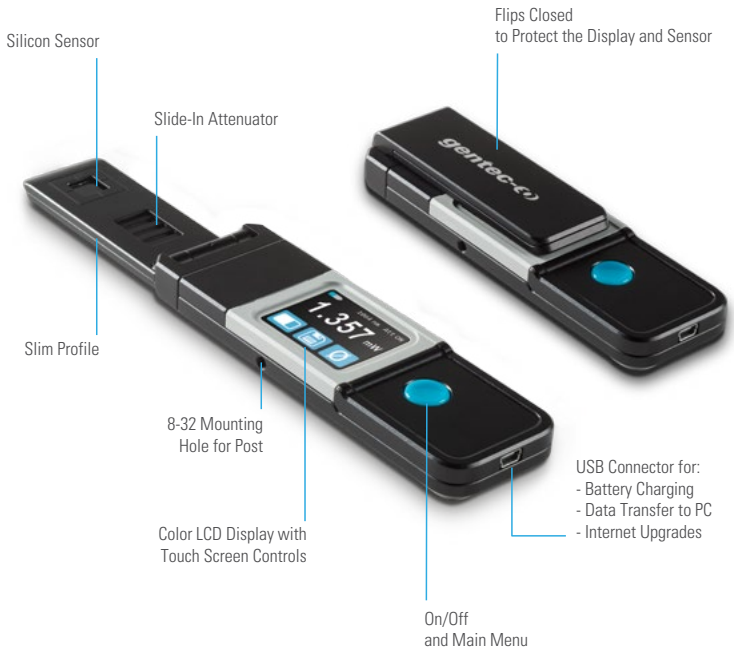
PRONTO-Si

0.3 nW - 800 mW Power Probe with Touch Screen Controls



KEY FEATURES

1. **POCKET-SIZE**
   This low power laser probe is so compact it fits in your pocket!
2. **SLIM PROFILE**
   The sensor part is only 6 mm thick, allowing it to fit into tight spaces
3. **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!
4. **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
5. **SLIDE-IN ATTENUATOR**
   Just slide the OD1 integrated filter to the ON position and you can measure up to 800 mW of continuous power at 1064 nm (maximum power varies with wavelength)
6. **USER SETABLE**
   You can set the wavelength, brightness and screen orientation to adapt to your application
7. **DATA LOGGING**
   Save your data to the internal memory and then transfer it to your PC over the USB connection
8. **OPTIONAL FIBER OPTICS ADAPTOR**
   NEW
   The fiber optics adaptor included in the Pronto-Si-FC model is held securely in place with a set screw and is compatible with OD attenuators

AVAILABLE MODELS

Pronto-Si

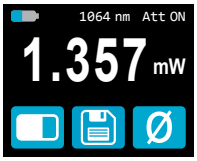
NEW

Pronto-Si-FC

USER INTERFACE

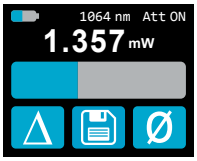
3 Displays for the Measurements

Real-Time Display



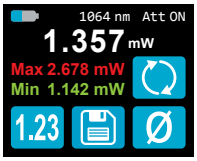
Displays the measured value with large digits so you can see them from a distance

Bargraph Display



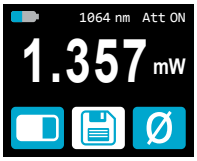
Adds a bargraph below the measured value, for an intuitive understanding of the trend of your laser

Min/Max Display

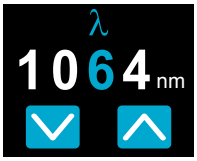


In addition to the Real Time value, the device displays the lowest and highest values

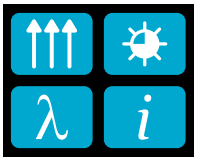
Save your Data and Transfer it to your PC



Adjust the Wavelength



Set the Brightness and Orientation



SLIDE-IN ATTENUATOR

ON - 800 mW

OFF - 80 mW

DATA TRANSFER TO PC

Watch the Demo video available on our website at www.gentec-eo.com

PRONTO-Si

*Also traceable to NRC-CNRC

SPECIFICATIONS

	PRONTO-Si
MAX AVERAGE POWER* (ATTENUATOR OFF / ATTENUATOR ON)	80 mW / 800 mW
EFFECTIVE APERTURE	10 x 10 mm
INTERFACE	Touch Screen Color LCD Display
MEASUREMENT CAPABILITY	
Spectral Range	320 - 1100 nm
Attenuator OFF	320 - 1100 nm
Attenuator ON	400 - 1100 nm
Power Range*	0.3 nW - 800 mW @ 1064 nm
Attenuator OFF	0.3 nW - 80 mW @ 1064 nm
Attenuator ON	3 nW - 800 mW @ 1064 nm
Noise Equivalent Power	10 pW @ 980 nm
Response Time	0.2 sec
Measurement Accuracy	From ± 1.5 % to ± 7.0 % (wavelength-dependent)
Display Resolution	1 pW
DAMAGE THRESHOLDS	
Maximum Average Power Density	100 W/cm^2
Maximum Average Power	800 mW (with Attenuator ON)
USER INTERFACE	
Displays	Real Time, Bar Graph and Min/Max
Measurement Controls	Zero Offset, Wavelength Selection and Reset Data
Data Acquisition and Transfer	Simple On/Off Controls, saves to on-board memory and transfers data to the PC using the USB connection
Screen Personalization	Orientation and Brightness controls
Battery Indicator	On-screen indicator with 4 levels
GENERAL SPECIFICATIONS	
Display Type	Touch Screen Color LCD
Display Size	28.0 x 35.0 mm (128 x 160 pixels)
Backlight	Adjustable
Internet Upgrades Via	USB port
Data Storage	50,000 pts
Battery Type	Rechargeable Li-ion
Battery Life	17 hours (with brightness set at 25%)
Battery Recharge Via	USB port
Operating Temperature Range	15 - 28 °C (max 80% RH)
PHYSICAL CHARACTERISTICS	
Effective Aperture	10 x 10 mm
Sensor	Silicon
Attenuator	Integrated Slide-In OD1 Attenuator
Mounting Hole (for Post)	1 x 8-32
Dimensions (Open)	41.0W x 212.0L x 15.0D mm (Sensor part is only 6.0D mm)
Dimensions (Closed)	41.0W x 134.0L x 21.5D mm
Weight	150 g
ORDERING INFORMATION	
Product Name	PRONTO-Si
Product Number	202963
NEW Add Extension for included fiber optics adaptor	-FC

Specifications are subject to change without notice

** See curves (page 129) for maximum power at other wavelengths*