

PH-I-USB

2 pW - 2 mW, Integrated USB Module



KEY FEATURES

1 Integrated USB Module

Plug the device directly to your PC, no need for an additional PC-Interface

2 Powered by your PC

No external wiring needed

3 Software Application Included

Take full control of your instrument with our unique software:

- Live display in W and W/cm²
- Set Range and Trigger Level
- Measure and Display Energy and Full Statistics
- Display Data in Strip Chart or Histogram
- Log Data to a File
- Dual Channel Software Available

4 2 Sensors Available

- PH10I-Si-USB: 10 X 10 mm Silicon sensor for 0.2 to 1.1 μm
- PH5I-Ge-USB: 5 mm \varnothing Germanium sensor for 0.6 to 1.8 μm

AVAILABLE MODELS



PH10I-Si-USB
(10 mm-Silicon)

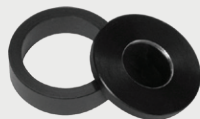


PH5I-Ge-USB
(5 mm-Germanium)

ACCESSORIES



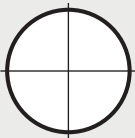
Stand with Delrin Post



Removable IR Windows
(Various types available)



Fiber Adaptors & Connectors
(FC, SC, ST and SMA)



IR Alignment Aide
and Crosshairs



Pelican Carrying Case

SEE ALSO

TECHNICAL DRAWINGS

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PH-I-USB

SPECIFICATIONS



NIST
Traceable



Approved or in the process of being approved*

MODELS	PH10I-Si-USB	PH5I-Ge-USB
MAX AVERAGE POWER	2 mW	2 mW
EFFECTIVE APERTURE	10 x 10 mm	5 mm \emptyset
INTEGRATED MODULE	Digital (USB)	Digital (USB)

MEASUREMENT CAPABILITY		
Spectral Range	0.2 - 1.1 μm	0.6 - 1.8 μm
Max Measurable Power	2 mW	2 mW
Noise Equivalent Power	2 pW	2 pW
Rise Time	≤ 0.2 s	≤ 0.2 s
Peak Sensitivity	0.5 A/W	0.98 A/W
Calibration Uncertainty (@ 630 nm)	$\pm 4\%$	$\pm 5\%$
DAMAGE THRESHOLDS		
Max Avg Power Density (@ 1.064 μm)	1 mW/cm ²	1 mW/cm ²
PHYSICAL CHARACTERISTICS		
Effective Aperture	10 x 10 mm	5 mm \emptyset
Sensor	Silicon	Germanium
Dimensions	81.3 \emptyset X 99.3D mm	81.3 \emptyset X 99.3D mm
Weight	500 g	500 g
ORDERING INFORMATION		
Full Product Name	PH10I-Si-USB	PH5I-Ge-USB
Product Number	201726	201643

Specifications are subject to change without notice

* For details, contact your Gentec-EO representative