

PPM-212 Pocket optical power meter USB probe

Description:

The PPM-212 optical power meter - USB probe is a small, compact tester without display and battery. The tester is designed to be used as USB probe, part of testing workstation. The small size does not prevent the optical meter fulfilling all technical requirements. The tester is equipped with USB interface. It ensures power supply, data reading and transferring into data processing SW. Standard optical interface is equipped with FC/PC adapter, which ensures proper connection of testing cable. It might be easily changed by universal 2.5/1.25 μm ferrule or any commonly used type. The multicolor LED is signaling power supply, absolute (dBm) or relative (dB) measuring mode.



Features:

- USB probe - accessory of Testing Workplace
- Small size, light weight
- SM and MM fiber testing
- 21 working wavelengths: CWDM + 850,1300 and 1625nm
- Absolute and Relative optical power measurement
- USB port for:
- USB probe - full control via simple commands power supply
- LED indicator

Specifications:

Photodetector	1 mm InGaAs	
Working wavelengths	CWDM + 850,1300,1625 nm	can be customized
Uncertainty	$\pm 5\%$	1310, 1550 nm @ -20dBm
Resolution	0.01	
Dynamic range	-60 dBm to +10 dBm -53 dBm to +15 dBm	CWDM, 1300nm, 1625 nm, 850 nm
Dimensions	24 x 47 x 71 mm	including 2.5 mm universal adaptor
Weight	Less than 90 g	
Temperature operating storage	-10 to +50 °C -40 to +70 °C	
Humidity (non cond.)	0 - 95%	

Compliant with RoHS-requirements (2002/95/EG, 27.01.2003)

Options - changeable input adapters:



TE-ADP-FC



TE-ADP-LC



TE-ADP-SC



TE-ADP-250

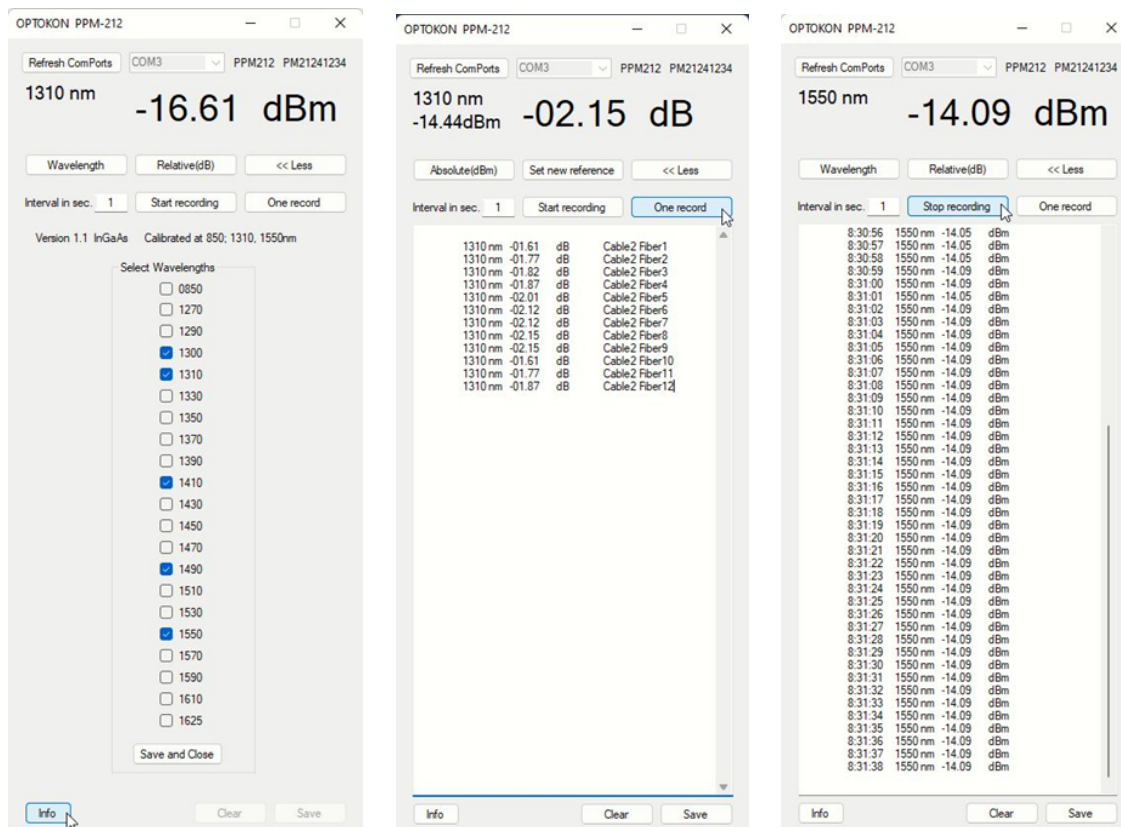


TE-ADP-125

Other types available on request:

- TE-ADP-SC SC adaptor
- TE-ADP-FC FC adaptor
- TE-ADP-ST ST adaptor
- TE-ADP-DIN DIN adaptor
- TE-ADP-SMA SMA adaptor
- TE-ADP-LC LC adaptor
- TE-ADP-MU MU adaptor

Applicable SW:



The screenshots show the OPTOKON PPM-212 software interface with the following details:

- Window 1 (Left):** Shows a measurement at 1310 nm with a relative power of -16.61 dBm. The 'Wavelength' is set to 1310 nm and 'Relative(dB)' is selected. A list of wavelengths is visible, with 1310 nm and 1550 nm selected.
- Window 2 (Middle):** Shows a measurement at 1310 nm with an absolute power of -02.15 dB. The 'Absolute(dBm)' option is selected. A data log is displayed below the measurement, listing 11 cable fibers with their respective power levels.
- Window 3 (Right):** Shows a measurement at 1550 nm with a relative power of -14.09 dBm. The 'Wavelength' is set to 1550 nm and 'Relative(dB)' is selected. A data log is displayed below the measurement, listing 38 consecutive measurements at 1550 nm.

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Optional:



Hard plastic case TE-HC-01, 265 x 270 x 90 mm

Standard Accessories:

- Power meter
- FC/PC adapter (TE-ADP-FC)
- USB cable
- Traceable calibration certificate
- Soft case

Ordering code:

PPM-212 + (options) standard tester