

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:



PPM-212

- 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

Standard accessories:

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

Option:

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



TE-HC-01

Specifications:			
	PPM-212	PPM-212-SI	Note:
Photodetector	1 mm InGaAs	3.6 mm Si	
Working wavelengths	CWDM + 850,1300,1625 nm	650-940 nm	can be customized
Dynamic range	-60 dBm to +10 dBm -53 dBm to +15 dBm	-40 to +10 dBm	CWDM, 1300nm, 1625 nm 850 nm
Uncertainty	$\pm 5\%$		1310, 1550 nm @ -20dBm
Resolution	0.01		
Dimensions	24 x 47 x 71 mm		including 2.5 mm universal adaptor
Weight	Less than 90 g		
Temperature operating	-10 to +50 °C		
storage	-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

Ordering code: **PPM-212-(SI) + (options)**

standard tester

Applicable SW:

OPTOKON PPM-212

Refresh ComPorts COM3 PPM212 PM21241234

1310 nm -16.61 dBm

Wavelength Relative(dB) << Less

Interval in sec. 1 Start recording One record

Version 1.1 InGaAs Calibrated at 850; 1310, 1550nm

Select Wavelengths

- ☐ 0850
- ☐ 1270
- ☐ 1290
- ☒ 1300
- ☒ 1310
- ☐ 1330
- ☐ 1350
- ☐ 1370
- ☐ 1390
- ☒ 1410
- ☐ 1430
- ☒ 1490
- ☒ 1550
- ☐ 1570
- ☐ 1590
- ☐ 1610
- ☐ 1625

Save and Close

Info Clear Save

OPTOKON PPM-212

Refresh ComPorts COM3 PPM212 PM21241234

1310 nm -14.44dBm -02.15 dB

Absolute(dBm) Set new reference << Less

Interval in sec. 1 Start recording One record

1310 nm	-01.61 dB	Cable2 Fiber1
1310 nm	-01.77 dB	Cable2 Fiber2
1310 nm	-01.82 dB	Cable2 Fiber3
1310 nm	-01.87 dB	Cable2 Fiber4
1310 nm	-02.01 dB	Cable2 Fiber5
1310 nm	-02.12 dB	Cable2 Fiber6
1310 nm	-02.12 dB	Cable2 Fiber7
1310 nm	-02.15 dB	Cable2 Fiber8
1310 nm	-02.15 dB	Cable2 Fiber9
1310 nm	-01.61 dB	Cable2 Fiber10
1310 nm	-01.77 dB	Cable2 Fiber11
1310 nm	-01.87 dB	Cable2 Fiber12

Info Clear Save

OPTOKON PPM-212

Refresh ComPorts COM3 PPM212 PM21241234

1550 nm -14.09 dBm

Wavelength Relative(dB) << Less

Interval in sec. 1 Stop recording One record

8:30:56	1550 nm	-14.05 dBm
8:30:57	1550 nm	-14.05 dBm
8:30:58	1550 nm	-14.05 dBm
8:30:59	1550 nm	-14.09 dBm
8:31:00	1550 nm	-14.09 dBm
8:31:01	1550 nm	-14.05 dBm
8:31:02	1550 nm	-14.09 dBm
8:31:03	1550 nm	-14.09 dBm
8:31:04	1550 nm	-14.09 dBm
8:31:05	1550 nm	-14.09 dBm
8:31:06	1550 nm	-14.09 dBm
8:31:07	1550 nm	-14.09 dBm
8:31:08	1550 nm	-14.09 dBm
8:31:09	1550 nm	-14.09 dBm
8:31:10	1550 nm	-14.09 dBm
8:31:11	1550 nm	-14.09 dBm
8:31:12	1550 nm	-14.09 dBm
8:31:13	1550 nm	-14.09 dBm
8:31:14	1550 nm	-14.09 dBm
8:31:15	1550 nm	-14.09 dBm
8:31:16	1550 nm	-14.09 dBm
8:31:17	1550 nm	-14.09 dBm
8:31:18	1550 nm	-14.09 dBm
8:31:19	1550 nm	-14.09 dBm
8:31:20	1550 nm	-14.09 dBm
8:31:21	1550 nm	-14.09 dBm
8:31:22	1550 nm	-14.09 dBm
8:31:23	1550 nm	-14.09 dBm
8:31:24	1550 nm	-14.09 dBm
8:31:25	1550 nm	-14.09 dBm
8:31:26	1550 nm	-14.09 dBm
8:31:27	1550 nm	-14.09 dBm
8:31:28	1550 nm	-14.09 dBm
8:31:29	1550 nm	-14.09 dBm
8:31:30	1550 nm	-14.09 dBm
8:31:31	1550 nm	-14.09 dBm
8:31:32	1550 nm	-14.09 dBm
8:31:33	1550 nm	-14.09 dBm
8:31:34	1550 nm	-14.09 dBm
8:31:35	1550 nm	-14.09 dBm
8:31:36	1550 nm	-14.09 dBm
8:31:37	1550 nm	-14.09 dBm
8:31:38	1550 nm	-14.09 dBm

Info Clear Save