

PM-212-SIM

Pocket optical power meter USB probe

NEW!
MM fiber testing

Description:

The PM-212-SIM optical power meter is a small, pocket size low cost tester. The small size does not prevent the optical meter fulfilling all technical requirements for field equipment. The tester can be used as pocket power meter or as USB probe, part of testing workstation. The tester is equipped with 1.1 mm Si photodetector designed for measurement Multimode fibers. The input interface is equipped with changeable ADP adapters, which allow connection of wide range Multimode connectors.

The Li-Pol rechargeable battery ensures long term working time with a minimum life time of 2 years. The unit is able to store 100 measurements which can be uploaded to PC and evaluated with SmartProtocol software or Data Exporter.

Features:

- Two functions:
 - Portable power meter
 - USB probe – accessory of Testing Workplace
- Small size, light weight
- MM fibers testing
- Backlight option
- Easy changeable connectors for wide applications
- Absolute and Relative optical power measurement
- Internal two level memory structure
- Capacity up to 100 measurements
- SmartProtocol SW – Test reports creating
- Data Exporter – data download to Excel sheet
- USB port for:
 - USB probe - full control via simple commands
 - charging the battery
 - data upload to PC
 - firmware upgrade
- Build-in Li-Pol rechargeable battery
- Battery status indicator, Auto Off



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Standard accessories:

- Power meter
- Universal 2.5 mm input adapter (TE-ADP-250)
- Power charging adapter
- Traceable calibration certificate
- USB cable
- SmartProtocol SW
- Soft case
- Hard plastic case TE-HC-01



TE-HC-01

Hard carry case (265 x 270 x 90 mm)

Specifications:

Photodetector	1.1 mm Si
Working wavelengths	850, 980 nm
Uncertainty	± 5%
Resolution	0.01
Dynamic range	-60 dBm to +10 dBm
Dimensions	24 x 47 x 71 mm
Weight	less than 90 g
Temperature	operating -10 to +50 °C storage -40 to +70 °C
Humidity (non cond.)	0 – 95%
Operating temperature	-10 to +50 °C
Battery working time	> 35 hrs
Battery life time	> 2 years
Compliant with RoHS-requirements (2002/95/EG, 27.01.2003)	

Note:

can be customized

including 2.5 mm universal adaptor
battery loaded

between battery charging

Options - changeable input adapters:



*) 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: **PM-212-SIM + (options)**
PM-212-SIM-L + (options)

standard MM tester
tester with Backlight option

Application:

- Optical networks testing
- Test reports creating

SmartProtocol compatible (refer to TEQ_02-07_EN-SmartProtocol)

DataExporter compatible (refer to TEQ_08-13_EN-DataExporter)

	A	B	C	D	E
1	OFT820	OFT8200008			
2	Cable	Fiber	WaveLength	dBm	
3	1	1	1310	-5.1	
4	1	2	1310	-5.24	
5	1	3	1310	-4.95	
6	1	4	1310	-4.74	
7	1	5	1310	-5.01	
8	1	6	1310	-6.36	
9	1	7	1310	-5.98	
10	1	8	1310	-6.05	
11					
12					
13					