PM-212
Pocket optical power meter
USB probe

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THE SMALLEST
IN THE MARKET

Description:

The PM 212 optical power meter is a small, pocket size low cost item. 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. It can be placed within rack mount ODF's with the display on the top or on the side. 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 managed with SmartProtocol software or Data Exporter.

Features:

- Two functions: Portable power meter
                                    USB probe – accessory of Testing Workplace
- Small size, light weight
- Backlight option
- SM and MM fiber testing
- Six working wavelengths
- Absolute and Relative optical power measurement
- Internal two level memory, 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

PM-212

Standard accessories:

- Power meter
- Universal 2.5 mm adapter (TE-ADP-250)
- Power charging adapter
- Traceable calibration certificate
- USB cable
- SmartProtocol SW
- Soft case
- Hard plastic case TE-HC-01, 265 x 270 x 90 mm

TE-HC-01

Specifications:

Note:

Photodetector	1 mm InGaAs	
Working wavelengths	850, 1300, 1310, 1490, 1550, 1625 nm	can be customized
Uncertainty	± 5%	1310, 1550 nm @ -20dBm
Resolution	0.01	
Dynamic range	-60 dBm to +10 dBm	1300, 1310, 1490, 1550, 1625 nm
	-53 dBm to +10 dBm	850 nm
Dimensions	24 x 47 x 71 mm	including 2.5 mm universal adaptor
Weight	Less than 90 g	battery loaded
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	> 75 hrs	between battery charging
Battery life time	> 2 years	

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

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

TE-ADP-FC   TE-ADP-LC   TE-ADP-SC   TE-ADP-250   TE-ADP-125
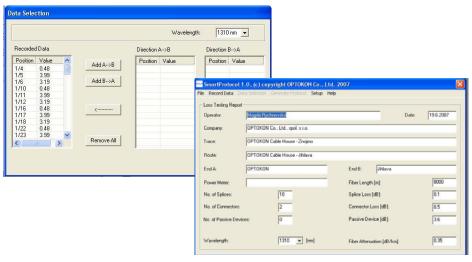
Ordering code: PM-212 + (options)   standard tester
PM-212-L + (options)   tester with Backlight option
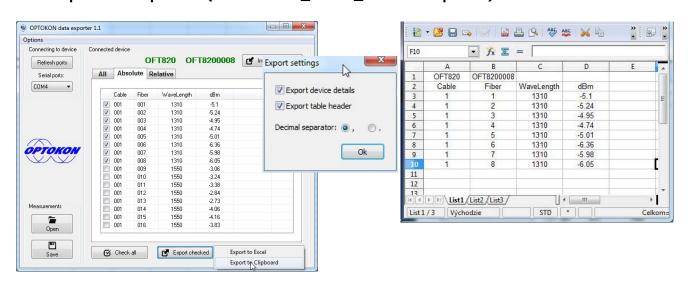
Application:

- Optical networks testing
- Test reports creating

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

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