PM-212-SI
Pocket optical power meter
USB probe

NEW!
MM fiber and
POF testing

Description:

The PM-212-SI 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 large 3,6 mm Si photodetector designed for measurement of both, POF (Plastic Optical Fiber) and Multimode fibers. The input interface is equipped with changeable APF adapters, which allow connection of wide range Multimode and POF 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:

PM-212-SI

- Two functions:
  Portable power meter
  USB probe – accessory of Testing Workplace
- Small size, light weight
- Backlight option
- MM and POF testing
- 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 pack
- Battery status indicator, Auto Off

Standard accessories:

- Power meter
- Universal 2.5 mm input adapter (TE-APF-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	3,6 mm Si	
Working wavelengths	650, 850, 980 nm	can be customized
Uncertainty	± 5%	
Resolution	0.01	
Dynamic range	-60 dBm to +10 dBm	
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	> 35 hrs	between battery charging
Battery life time	> 2 years	

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

Note:

Options - changeable input adapters:

| TE-APF-FC | TE-APF-SC | TE-APF-LC | TE-APF-ST | TE-APF-250 | TE-APF-HFBR | TE-APF-220 |

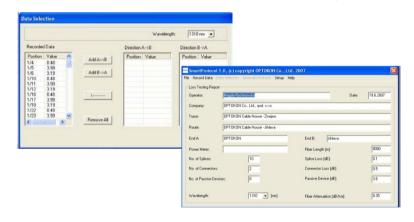**Ordering code:**   **PM-212-SI + (options)**   standard MM & POF tester
  PM-212-SI-L + (options)   tester with Backlight option

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)