PM-212-MPO
Pocket optical power meter
USB probe

The PM-212 MPO cuts larger power meters to ribbons

Description:

The PM-212-MPO 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. The unit can be easily carried in the pocket or on the belt.

There are two versions for simultaneous measurement:

12/24 multifiber MPO/MTP connectors

16/32 multifiber MPO/MTP 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 managed with SmartProtocol software or Data Exporter.

PM-212-MPO

MPO-12/24
Input adapter

MPO-16/32
Input adapter

Features:

- Two functions:
  - Portable power meter
  - USB probe – accesssory of Testing Workplace
- MPO/MTP connector: 12/24 or 16/32 fibers
- Multimode applications
- Small size, light weight
- 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
- Auto Off, battery status indicator

Standard accessories:

- Power meter
- MPO/MTP input adapter
- Power charging adapter
- Traceable calibration certificate
- USB cable
- Hard carry case (TE-HC-01)
- SmartProtocol SW

Optional

- Master MPO patchcord[1]

TE-HC-01
Hard carry case (265 x 270 x 90 mm)

Note: 1) MPO/MTP patchcord on request, according to: CON_04-14_EN-MTP patchcord datasheet

Specifications:

			Note:
Photo detector		MM – large-scale Si	
Working wavelengths		MM 850 nm	
Uncertainty		± 5% (@ -27 to +20 dBm) ± 10% (@ -30 to -27 dBm)	850 nm @ -10 dBm
Resolution		0.01	
Dynamic range		-30 dBm to +20 dBm	850 nm
Dimensions		80 x 47 x 25 mm	including MTP/MPO adapter
Weight		Less than 90 g	
Temperature	operating	-10 to +50 °C	
	storage	-40 to +60 °C	
Humidity (non cond.)		0 – 95%	
Battery working time		> 50 hrs	between battery charging
Battery life time		> 2 years	980 mAh Li-Pol

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

Ordering code:

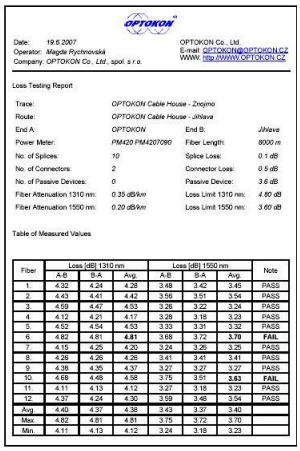
multifiber multimode tester:

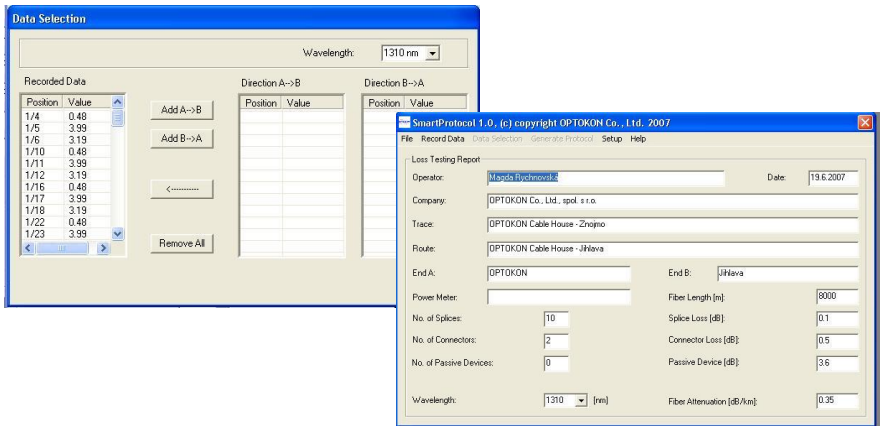
PM-212-MPO standard tester for 12/24 MTP/MPO connectors
PM-212-MPO-16 tester 16/32 MTP/MPO connectors

Application:

- Optical components testing
- Optical networks measurement
- Test reports creating

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





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