

PM-215E

Pocket optical power meter USB probe



Description:

The PM 215E 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 measurement data which can be uploaded to PC. The backlight function of the display facilitates the reading of measured data in poor lighting conditions



PM-215E

Features:

- Portable power meter or USB probe
- Small size, light weight, display backlight
- New faster hardware
- Option for Bluetooth or WIFI module
- Supports SM and MM fiber testing
- More than 20 working wavelengths
- Internal two levels memory for up to 100 measurements
- Comes with its own PM215E application for setting, data transfer
- USB-C port for control, charging, and data transfer
- Build-in Li-Pol rechargeable battery
- Battery status indicator, Auto Off function

Standard accessories:

- Power meter
- Set of input adapters
 - Universal 2.5 mm
 - FC, SC, LC adapter
- Power charging adapter
- Traceable calibration certificate
- USB-C cable
- Hard plastic case TE-HC-01, 265x270x90 mm



TE-HC-01



Soft case
TE-EVA-215E

Options:

- Universal input adapter 1.25 mm
- Soft case TE-EVA-215E, 130x32x80 mm

Specifications:	PM-215E	PM-215E-SI	Note:
Photodetector	1 mm InGaAs	3.6 mm Si	
Working wavelengths	CWDM: 1270,1290,1310,1330,1350, 1370,1390,1410,1430,1450,1470,1490 1510,1530,1550,1570,1590,1610 nm Others: 850,980,1300,1383,1625 nm	635, 650, 850, 880, 910, 940,980 nm	1383 nm – Water Peak wavelength
Dynamic range	-60 dBm to +10 dBm -53 dBm to +15 dBm	-40 to +10 dBm	CWDM, 1300, 1383, 1625 nm 850, 980 nm
Uncertainty	± 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 Humidity (non cond.)	operating: -10 to +50 °C; storage: -40 to +70 °C 0 – 95%		
Battery working time	> 75 hrs		between battery charging

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

Changeable input adapters:



Ordering code: **PM-215E** power meter, InGaAs photodetector
PM-215E-SI power meter, Si photodetector

PM-215E control from PC:

Application: Optical networks testing, Insertion loss measurement

Test Set:

- Power meter PM-215E and
- Light source LS-215E (TEQ_03-24_LS-215E.docx)
- 2x AC/DC power adapter
- 2x USB C cable
- Set of PM-215E IN adapters
- Set of LS-215E OUT adapters



Example of SW menu display:

