

PM-215E

Pocket optical power meter USB probe

NEW!
**THE SMALLEST
IN THE MARKET**

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
- Universal 2.5 mm adapter (TE-ADP-250)
- Power charging adapter
- Traceable calibration certificate
- USB-C cable
- Hard plastic case TE-HC-01, 265x270x90 mm

Options:

- Soft case TE-EVA-215E, 130x32x80 mm



TE-HC-01



Soft case
TE-EVA-215E

Specifications:

Photodetector	1 mm InGaAs
Working wavelengths	CWDM + 850, 1300, 1625 nm
Uncertainty	± 5%
Resolution	0.01
Dynamic range	-60 dBm to +10 dBm -53 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%
Battery working time	> 75 hrs

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

Note:

can be customized – 1383 nm available
1310, 1550 nm @ -20dBm

CWDM, 1300 nm, 1625 nm
850 nm
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-215E + (options)** standard tester

Application:

- Optical networks testing, Insertion loss measurement

PM-215E SW:

The screenshots show the following data:

- Operating wavelengths settings:** Wavelength: 1310 nm, Relative(dB): -33.19 dBm. Selected wavelengths: 0850, 1310, 1550, 1625 nm.
- Test data recording:** Wavelength: 1310 nm, Relative(dB): -34.08 dBm. Recording interval: 5 seconds. Log shows multiple measurements at 1310 nm with values ranging from -34.47 dBm to -34.77 dBm.
- Internal memory upload:** Wavelength: 1310 nm, Relative(dB): -39.02 dBm. Log shows a list of measurements including: 005 001 0850 -37.12 dBm, 010 005 0850 -35.42 dBm, 032 000 0850 -56.17 dBm, 001 001 1310 -46.88 dBm, 001 002 1310 -44.33 dBm, 001 003 1310 -44.31 dBm, 001 004 1310 -44.80 dBm, 002 001 1310 -46.07 -03.60 dBm, 002 002 1310 -46.07 -03.14 dBm, 002 003 1310 -46.07 -02.54 dBm, 002 004 1310 -46.07 -02.69 dBm.

Operating wavelengths settings

Test data recording

Internal memory upload