

# 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
- 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**

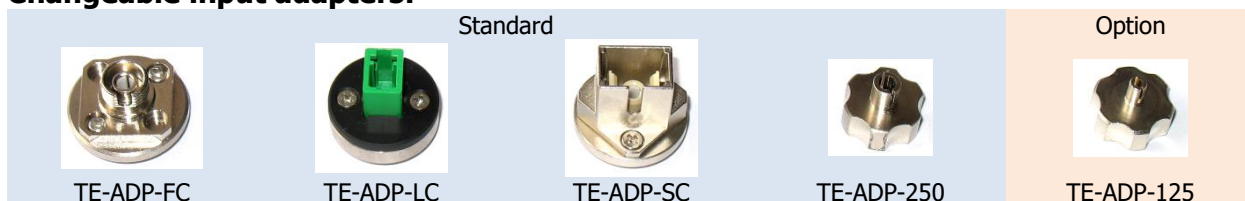
### Options:

- 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<br>Others: 850,980,1300,1383,1625 nm | 635, 650, 850, 880, 910, 940,980 nm | <b>1383 nm – Water Peak</b><br>wavelength |
| Dynamic range        | -60 dBm to +10 dBm<br>-53 dBm to +15 dBm                                                                                                 | -40 to +10 dBm                      | CWDM, 1300, 1383, 1625 nm<br>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          | operating: -10 to +50 °C; storage: -40 to +70 °C                                                                                         |                                     |                                           |
| Humidity (non cond.) | 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:

Download the SW PM215E application from:

<https://www.optokon.com/clanek/37-stazeni-manualu-a-ovladacu-pro-merici-pristroje>

**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:

