

**power meter with 10mw visual fault locator
FE-PM001-S**



Figure 1. FC adaptor



Figure 2. SC adaptor



Portable optical power meter is an accurate and durable handheld meter designed for the installation, operation and maintenance of optical fiber network. It is a compact device with backlight switch and auto power on-off ability. Besides, it provides ultra-wide measurement range, high accuracy, user self-calibration function and universal port. In addition, it displays linear indicators (mW) and non-linear indicators (dBm) in one screen at the same time.

Features:

Self-calibration by user himself

Rechargeable lithium battery supports continuous work for up to 48 hours.

Linear indicators (mW) and non-linear indicators (dBm) display in one screen

Unique FC/SC/ST universal port (see Figures 1, 2), no complex conversion

Optional auto power-off ability

Backlight ON/OFF

Model	A	B
Measurement range	-70~+3	-50~+26
Type of probe	InGaAs	
Range of wave length	800~1700	
Uncertainty	850,980,1300,1310, 1490,1550	
Resolution	Linear indication: 0.1% Logarithmic indication: 0.01 dBm	
Auto power-off time (min)	10	
Continuous working hours	At least 48 hours	
Dimensions (mm)	190×100× 48	
Weight(g)	400g	
Power supply	Rechargeable lithium battery	

Specifications:

Notice:

1. Range of wave length: a standard working wave length that we specified: λ_{\min} – λ_{\max} , the optical power meter within this range can work well with all indicators meeting requirements.
2. Measurement range: the maximum power that the meter can measure as per required indicators.
3. Uncertainty: the error between the test results and standard test results over a popular Optical power.