



## Fibershot Optical Power Meter-OPM

### A tool for optical network test

The OPM series of optical power meters are compact, lightweight and easy-to-use testing instruments for optical fiber network, with unique characteristics of quick testing. Widely favored for their quality, value, reliability, accuracy and safety. The pocketsize OPM series can support accurate testing of single mode and multimode optical fiber systems, with features of large LCD display, damp and shock proof design and dual-way powering system. The internal microprocessor and linear amplifier technology ensure the long- time accuracy. Under the situation of laboratory, LANs, WANs and CATV as well as long-distance optical network, the Optical Power Meters can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

#### Technical Specifications

Pocketsize, large easy to read LCD display, easy to use, Fast response, no warm up, Direct loss measurement units in dB, Absolute power measurement units in dBm and or  $\mu$ W Interchangeable fiber-optic adapters (FC, SC or ST)  
Dual-way powering system, Damp, dust and shock proof design, Auto off function conserving battery life.

#### Overview

OPM series is portable and economical Optical Power Meter can test the power of the light, light stability, insertion loss, optical transmittance, reflectance of light and so on. It widely used in optical fiber communications, CATV, Fiber Optical Sensors etc.

#### Features

- \* Mini size, Portable, Easy to Use, Economical
- \* dBm /m w display
- \* 10 minutes auto-off

#### Specification

Model	9990
Measuring Range (dBm)	-50~+26
Wavelength Range(nm)	800~1700
Interface type	FC(interchangeable SC,ST)
Type of probe	InGaAs
Uncertainty(dB)	$\pm 0.2$ dB (5%)
Calibrated Wavelength(nm)	850,980,1300,1310,1490,1550,1650
Display Resolution(dBm)	0.01
Power supply	Two AAA battery
Automatic shutdown time (min)	10
Battery operating time (h)	140
Working Temperature ( $^{\circ}$ C)	-10~ +60
Storage Temperature( $^{\circ}$ C)	-25~ +70
Size(mm)	112 $\times$ 62 $\times$ 23
Weight(g)	150