

## General Description:

The pocketsized LPM series of Power Meter are designed for performing optical loss measurements on fiber optic cables. It can support accurate testing of single mode and multimode optical fiber systems, with features of wide measuring range, rugged and versatile design and two powering systems.

LPM series are ideal for both laboratory and field applications by

using concise function keys to implement quick, high accuracy testing. Under the situation of laboratory, LANs, WANs and CATV as well as longdistance optical network, the Optical Power Meters, together with Grandway's Stabilized Laser Sources, can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

## Features:

- Two powering systems: Powered by a 9V laminated battery or AC/DC adaptor
- Wide dynamic range and high power measurement capability.
- Referencing function
- Rugged and Versatile
- Auto-off function: saves the power and low power consumption
- Interchangeable fiber-optic adapters
- Three-year warranty and recommended calibration interval



## Specifications:

	LPM-3				
	Ta	Tb	Ca	Cb	V
Calibrated Wavelength (nm)	850/1300/ 1310/1550	850/1300/1310/ 1490/1550/1625	850/1300/ 1310/1550	850/1300/1310/ 1490/1550/1625	650
Detector Type	InGaAs				Si
Accuracy <sup>①</sup>	± 5%±1nW		± 5%±10nW		± 0.5dB
Resolution	0.01dB@-60 to +10dBm; 0.1dB@-70 to -60dBm		0.01dB@-40 to +26dBm; 0.1dB@-50 to -40dBm		
Auto Power Off	✓				
Reference Value	✓				
Measuring Range (dBm)	-70 ~ +10		-50 ~ +26		- 45 ~ +5
Operating Temperature	-10 to +50 °C				
Storage Temperature	-20 to+70 °C				
Power Supply	9V laminated battery				
Dimension (mm)	130L*69W*22H				
Net Weight	180 g				

Note: <sup>①</sup> Valid at 1550nm, CW,23±3°C, Relative Humidity ≤70%, with an FC connector.

## Ordering Information:

### Standard Accessories:

FC/PC, SC/PC, ST/PC interchangeable connectors, User Guide Manual, Carrying Bag, and Battery, Test Report.

### Optional Accessories:

Description	Ordering Number	Description	Ordering Number
AC/DC adapter	G-AD-09	1.25mm Universal Connector	LPM-U1.25
MU Adaptor	LPM-MU	2.5mm Universal Connector	LPM-U2.5
E2000 Adaptor	LPM-E2000	Aluminium Carrying Box	LD-PS

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.

