

Optical Power Meter series OPM-UP30/50

INTRODUCTION

Highly versatile handheld power meters designed for installing, testing and maintaining singlemode or multimode networks and cables.

The OPM-UP50 devices can be used for absolute and relative optical power measurement. When used with an LED or laser light source, the OPM-UP50 can also measure the attenuation (insertion loss) of singlemode or multimode fibers. This handheld type test equipment features genial appearance, wide range of power measurement, high accuracy and user self calibration function.

Thanks to large area InGaAs detector chip and interchangeable connectors it is an versatile tool for Premises, Telco or Broadband fiber optic networks. Weighing only about 300 grams, this power meter is ideal for field use.

FEATURES

- ✦ Robust, shock-proof and splash-proof design for field operation,
- ✦ 7 Calibrated wavelengths (850, 980, 1300, 1310, 1490, 1550, 1625nm),
- ✦ Wave ID Auto wavelength identification & switching,
- ✦ Frequency ID - auto frequency identification,
- ✦ 10 minutes Auto-off function,
- ✦ User self calibration function,
- ✦ LCD display with backlight,
- ✦ Up to 240 hours battery life.

SPECIFICATIONS

Model	OPM-UP30A	OPM-UP30B	OPM-UP50A	OPM-UP50B
Calibration Wavelength [nm]	850, 980, 1300, 1310, 1490, 1550, 1625			
Detector type	φ0.3mm InGaAs		φ1mm InGaAs	
Measurement range [dBm]	-70~+3	-50~+26	-70~+3	-50~+26
Uncertainty [dB]	±0.2 (5%)		±0.15 (3.5%)	
Linearity [dB]	0.01			
Display resolution [dB]	0.01			
Frequency ID Hz	270, 330, 1k, 2k			
Connector	FC/SC/ST/LC interchangeable			
Battery operating time [h]	240 without backlight			
Operating temp. [°C]	-10~+60			
Storage temp. [°C]	-25~+70			
Dimensions [mm]	190 x 100 x 48			
Weight [g]	310			



ORDERING INFORMATION

OPM-UP50 set includes:

- ✦ Optical power meter
- ✦ SC, FC thread-on style adaptors
- ✦ User Guide
- ✦ Carry pouch + strap
- ✦ AC power adaptor
- ✦ Interface adaptors cleaning sticks
- ✦ ST, LC thread-on style adaptors optional

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