

# FOPM-201/202 Optical Power Meter



## FOPM-201/202 Optical Power Meter

FOLS-202/202 handheld optical power meter is a fiber optic tester with upgraded appearance and humanized design, which is mainly used in FTTx networks and fiber network testing. It has a wide range of power measurement and high accuracy, and can be used for absolute optical power measurement and relative loss measurement. When combine with a light source, the instrument is called an Optical Loss Test Set, or OLTS, typically used to measure optical power and end-to-end optical loss.

### Standards Compliance

- ISO9001 Certificate
- CE Certificate
- RoHS Compliant
- REACH Certificate
- FCC Certificate
- WEEE Certificate

## Features

- Using Advanced Measurement Technology, Accurate to 0.01dB
- Membrane Touch Buttons Makes It More Durable and Easier to Store
- Protective Case Protects the Power Meter from Being Damaged by Falling, Shocking and Wearing
- LCD Backlight for Easy Operation in Darker Environments
- Auto-off Function Saves the Power and Low Power Consumption Allows Extended Operation in the Field
- Wide Dynamic Range and High Power Measurement Capability

## Product Specifications

<b>ID Number</b>	#97488	#97489
<b>Part Number</b>	FOPM-201	FOPM-202
<b>Measurement Range</b>	-70 to 10dBm	-50 to 26dBm
<b>Calibrated Wavelengths</b>	850/1300/1310/1490/1550/1625nm	850/1300/1310/1490/1550/1625nm
<b>Resolution</b>	0.01 dB	0.01 dB
<b>Accuracy</b>	SM: $\pm 0.2$ dB, MM: $\pm 0.6$ dB	SM: $\pm 0.2$ dB, MM: $\pm 0.6$ dB
<b>Linearity</b>	$\pm 2\%$	$\pm 2\%$
<b>Detector Type</b>	InGaAs	InGaAs
<b>Response Range</b>	700~1700nm	700~1700nm
<b>Optical Connector</b>	2.5mm FC/SC/ST	2.5mm FC/SC/ST
<b>Cable Type</b>	SMF & MMF	SMF & MMF
<b>Auto-off Function</b>	Supported	Supported
<b>Power Supply</b>	2x AA Batteries	2x AA Batteries
<b>Relative Humidity</b>	<90% (non-condensing)	<90% (non-condensing)

### General Specifications

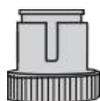
<b>Operating Temperature</b>	-10 to 50°C (14 to 122°F)
<b>Storage Temperature</b>	-20 to 60°C (-4 to 140°F)
<b>Dimensions</b>	6.3"x3"x1.3" (160x75x32mm)
<b>Weight</b>	180g

## Products List

### Optical Power Meter List

ID Number	Description
#97488	FOPM-201 Handheld Optical Power Meter (-70~+10dBm) with 2.5mm FC/SC/ST Connector
#97489	FOPM-202 Handheld Optical Power Meter (-50~+26dBm) with 2.5mm FC/SC/ST Connector
#97490	FOPM-203 Handheld Optical Power Meter (-70~+10dBm) with 2.5mm FC/SC/ST Connector
#97491	FOPM-204 Handheld Optical Power Meter (-50~+26dBm) with 2.5mm FC/SC/ST Connector
#97492	FOPM-205 PON Optical Power Meter with 2.5mm FC/SC/ST Connector
#12796	FOPM-107 MPO Optical Power Meter with MPO connectors

## Accessories List



SC Adapter x1



ST Adapter x1



FC Adapter x1