

PON Power Meter

1.Description

This **PON Power Meter** target at the FTTx application and maintenance. This PON power meter is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and ideal tool for the construction and maintenance of the xPON projects.

2.Features

- Providing simultaneous measurement at EPON/GPON/GEAPON for all three wavelengths on the fiber (**1490nm, 1550nm,1310nm**)
- Used in Burst mode measurement of **1310nm upstream**
- Convenience for threshold setting, which can set the threshold on the tester
- USB communication port enables data transfer to a PC
- Offers up to **10** different threshold sets in total
- **User self-calibration** can be retrieved in computer through the software.
- 10 minutes Auto-off function can be activated or deactivated with keypad operation.

3.Specification

Model	PON Power Meter		
	1310nm	1490nm	1550nm
Pass Zone(nm)	1260~1360	1470~1505	1535~1570
Isolation (dB)	>40@1490	>30@1310	>40@1310
Isolation(dB)	>40@1550	>40@1559	>40@1490
Measurement Range(dBm)	-40~+10	-40~+10	-40~+20
Measurement Accuracy			
Connatural uncertainty(dB)	±0.5		
Linearity(dB)	±0.1		
Passing through insertion Loss(dB)	<1.5		
General Information			
Detector Type	InGaAs		
Optical Connector	FC/SC Interchangeable		
Fiber Type	9/125um		
Display	LCD:128*64		
Measurement Unit	dB/dBm/xW		
Resolution (dB)	0.01		
Power Supply	3 AA1.5V battery		
Operation Temperature(℃)	-10~60		
Storage temperature(℃)	-25~70		
Dimension(mm)	200 X90 X50		
Weight(g)	285		