

### FHP3P01 PON Optical Power Meter

#### Description

As the industry's advanced PON-specific power meter, FHP3P01 PON Power Meter is the flagship of Grandway's line of testing instruments specifically intended for FTTH and FTTP systems. It is the ideal tool for FTTH/FTTP service activation and troubleshooting.

#### Features

- Hand-held and battery operated
- TFT LCD Display with high resolution
- Filtered measurements with distinct power display
- Simultaneous measurement and display power level of 1310,1490,1550nm WL
- Pass/fail function available. Up to 10 user defined threshold
- Ability to upgrade software through USB interface
- 1000 sets data storage
- Software to generate Test Report



Part Number	Description
FHP3P01	PON Optical Power Meter

#### Specification

Measurement Range (Continuous Datastream)	1310nm -40dBm~+10dBm	1490nm -40dBm~+10dBm	1550nm -40dBm~+20dBm
Burst Measurement Range (1310nm Bursted Signal)	-30dBm~+10dBm		
Spectral Passband	1310nm 1260nm~1360nm	1490nm 1480nm~1500nm	1550nm 1539~1565nm
Insertion Loss	1.5dB		
Accuracy	±0.5dB		
Linearity	±0.2dB		
Data Storage	1,000 sets		
Display	2.8 inch TFT LCD		
Refresh Rate of Display	2.5Hz		
Threshold	10sets (configured via PC-based software)		
Auto Power-off	Yes		
Number of Ports	2 (1 for ONU, 1 for OLT & video)		
Operating Temperature	-10 to +50°C		
Relative Humidity	0%~95%, non-condensing		
Power Supply	1.2V*4pcs Ni-MH AA; 12V AC/DC Adapter		
Battery Life	>20 hours		
Dimension	190mm*105mm*55mm(L*W*H)		
Net Weight	700g		

#### Standard Accessories

2\*FC/PC adapters, 2\*SC/PC adapters, 3\*ceramic sleeves, 4\*AA rechargeable batteries, AC/DC adapter, USB cable, test report, carrying bag, CD software, user manual

#### Optional Accessories

interchangeable ST adapter (model: N000500);  
male FC to female LC adapter for LC connector (model: HD078)

#### Customization

2\*FC/APC adapters, 2\*SC/APC adapters