

General Description:

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

Service Activation Testing:

Optimizing network reliability requires that all PON signals be measured all the way through service activation to ensure they meet established standards. The FHP3P01 offers the features to address this need:

- Pass-through connection for ONT signal measurement and simultaneous measurement of all PON signals
- Filtered detectors for individual measurement of each wavelength
- Upstream burst detection at 1310 nm

Troubleshooting Testing:

Throughout the maintenance phase, various transmission problems-fiber cuts, damaged/dirty connectors, macrobendings, optical transmitter failure, etc. -may ultimately cause signal loss or degradation. Benefit from the FHP3P01 troubleshooting functionalities:

- Quick, on-site test and measurement of PON signals, anywhere on the network
- Fault identification and isolation



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, 1550 nm WL
- Pass/Fail function available. Up to 10 user defined threshold
- Ability to upgrade software through USB interface

Specifications:

Connector Type	FC/PC	SC/PC	ST/PC
Measurement Range	1310nm(Burst Mode) -15dBm~+5.5dBm	1490nm -30dBm~+15dBm	1550nm -40dBm~+20dBm
Spectral Passband	1310nm 1260nm~1360nm	1490nm 1480nm~1550nm	1550nm 1539nm~1565nm
Insertion Loss	1.5dB		
Accuracy	±0.5dB		
Linearity	±0.2dB		
Display	2.8 inch TFT LCD		
Refresh Rate of Display	2.5Hz		
Threshold	10 sets(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		

Ordering Information:

Standard Accessories:

FC/PC, SC/PC, ST/PC interchangeable connector, Manual, Carrying Bag, Software (CD), USB cable, AC/DC adapter, Test Report.

Optional Accessories:

Description	Ordering Number	Description	Ordering Number
E2000 Adaptor	FHP-E2000	2.5mm Universal Adaptor	FHP-U2.5
LC Adaptor	FHP-LC	1.25mm Universal Adaptor	FHP-U1.25

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.



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