



FHP3P05 BASE 10GPON Power Meter

- 4 inch touch screen, easy to use
- Support measuring upstream 1310/1270nm and downstream 1490/1577/1550nm optical power
- Applicable to GPON&XG(S)-PON, EPON&10G-EPON and RF CATV PON network
- User defined Pass, Warning, Fail mode
- Support normal broadband power meter function and VFL
- 4000mAh Large capacity lithium battery&type-C charging port
- Equipped with protective rubber

Items	Specifications		
10G PON Power Meter			
Wavelength	1270/1310nm	1490nm	1550/1577nm
Measurement Range	CW mode: -40dBm~+10dBm Burst mode: -30dBm~+10dBm	-50dBm~+13dBm	-50dBm~+20dBm
Spectral Passband	1270/1310nm (1240nm~1360nm)	1490nm (1480nm~1500nm)	1550/1577nm (1539nm~1610nm)
Insertion Loss	≤1.5dB		
Uncertainty	±0.5dB		
Resolution	0.01dB		
Threshold	user-defined		
Broadband Power Meter			
Calibrated wavelength	850/1310/1310/1490/1550/1577/1625/1650nm		
Test range	-70~+10dBm		
Resolution	0.01dBm		
VFL			
Working wavelength	650nm		
Output power	10mw, CW/1Hz/2Hz		
Others			
Data Storage	120M storage		
Display	4inch touch screen		
USB port	Type-C USB port		
Power Supply	4000mAh built-in lithium battery		
External Power Supply	5V/2A; AC/DC adapter		
Working temperature	-10℃~+50℃		
Storage temperature	-20℃~+70℃		
Dimension/Weight	148×85×37mm / about 350g		





FHP3P05 PRO 10GPON Power Meter

- 3.5 inch color touch screen LCD
- Applicable to GPON&XG(S)-PON, EPON&10G-EPON and RF CATV co-existence PON network
- 5 wavelength power value simultaneous measurement and display(1490nm/1550nm/1577nm/1310nm/1270nm)
- Built in 10mw VFL function
- Long glowing rogue ONU alarm and detection
- User defined Pass/Fail threshold
- Support USB Type-C charging and test data upload
- Support Powerful PC software to generate the test report

Items	Specifications				
10G PON Power Meter					
Wavelength	1270nm	1310nm	1490nm	1550nm	1577nm
Measurement Range(dBm)	-10~+13	-30~+13	-50~+13	-40~+26	-50~+17
Spectral Passband(nm)	1270±10	1310±20	1490±10	1550±10	1577±6
Insertion Loss	≤1.5dB				
Uncertainty	≤0.5dB				
Display Resolution	0.01dB				
Threshold Setting	user-defined				
Data Storage	1000 groups				
VFL					
Wavelength	650±10nm				
Output Power	10mw				
Working Mode	CW, 1Hz/2Hz				
Others					
Display	3.5inch touch screen LCD				
Optical Port	SC/APC or SC/UPC				
Communication Port	USB Type-C interface				
Power Supply	5000mAh lithium battery				
Working Temp	-10℃~+50℃				
Dimension	192.9L×93.8W×47Hmm				
Weight	489g				

