



FHP3 Series PON Power Meter

- 4 inch touch screen, easy to use
- Applicable to different PON type and CATV network
- User defined Pass, Fail test mode
- Support normal broadband power meter function and VFL
- 4000mAh Large capacity lithium battery&type-C charging port
- Support PC software to export test data
- Support bluetooth and Android phone app

		FHP3P02	FHP3P05 BASE	FHP3P05 MAX	FHP3P07-25	FHP3P07-50
Downlink	1490nm	●	●	●	●	●
	1577nm		●	●	●	●
	1342nm					●
	1358nm				●	
	1550nm	●	●	●	●	●
Uplink	1310nm	●	●	●	●	●
	1270nm		●	●	●	●
	1286nm				●	●

Note: If the PON network downlink has both 1577 and 1550nm simultaneously , FHP3P05 BASE is not applicable.



PON Power Meter Items	Specifications		
FHP3P02 PON Power Meter			
Wavelength	1310nm	1490nm	1550nm
Sensor type	InGaAs		
Test range(dBm)	-30~+13	-50~+13	-50~+26
Broadband(nm)	1260~1360nm	1480~1500nm	1539~1565nm
Insertion loss	≤1.5dB		
Accuracy	≤0.5dB		
Resolution	0.01dB		
Threshold	user-defined		

FHP3P05 BASE PON Power Meter			
Wavelength	1270/1310nm	1490nm	1550/1577nm
Sensor type	InGaAs		
Test range(dBm)	-30~+13	-50~+13	-50~+26
Broadband(nm)	1240~1360nm	1480~1500nm	1539~1610nm
Insertion loss	≤1.5dB		
Accuracy	≤0.5dB		
Resolution	0.01dB		
Threshold	user-defined		


FHP3P05 MAX PON Power Meter

Wavelength	1270nm	1310nm	1490nm	1550nm	1577nm
Sensor type	InGaAs				
Test range(dBm)	-10~+13	-30~+13	-50~+13	-50~+26	-50~+17
Broadband(nm)	1270±10	1310±20	1490±10	1550±10	1577±6
Insertion loss	≤1.5dB				
Accuracy	≤0.5dB				
Resolution	0.01dB				
Threshold	user-defined				

FHP3P07-25 PON Power Meter

Wavelength	1270nm	1286nm	1310nm	1358nm	1490nm	1577nm	1550nm
Sensor type	InGaAs						
Test range(dBm)	-10~+13	-10~+13	-30~+13	-50~+13	-50~+13	-50~+17	-50~+26
Broadband(nm)	1263~1277	1283~1295	1303~1317	1353~1363	1480~1502	1575~1583	1540~1562
Insertion loss	≤1.5dB						
Accuracy	≤0.5dB						
Resolution	0.01dB						
Threshold	user-defined						

FHP3P07-50 PON Power Meter

Wavelength	1270nm	1286nm	1310nm	1342nm	1490nm	1577nm	1550nm
Sensor type	InGaAs						
Test range(dBm)	-10~+13	-10~+13	-30~+13	-50~+13	-50~+13	-50~+17	-50~+26
Broadband(nm)	1263~1277	1283~1295	1303~1317	1338~1346	1480~1502	1575~1583	1540~1562
Insertion loss	≤1.5dB						
Accuracy	≤0.5dB						
Resolution	0.01dB						
Threshold	user-defined						



General Items	Specifications
Broadband Power Meter	
Calibrated wavelength	850/1300/1310/1490/1550/1625/1650nm
Test range	A type: -70~+10dBm; B type: -50~+26dBm(optional)
Uncertainty	≤0.35dB
Resolution	0.01dB
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 / 370g