



FOH-100 Series G/EPON Tester

- OLT and ONU identification (PON ID, Class level and ONU SN/Password/PPPOE account/LOID/MAC extraction)
- Automatic power level 1490nm/1310nm measurement and certification
- In-service fiber qualification according to ODN total loss
- ONU status identification
- Fast identification and location of rogue ONU in PON network
- High precision OTDR for the measurement of the last mile of optical fiber (FOH-100 PRO)

Items	Specifications	
Model	FOH-100	FOH-100 PRO
Applicable PON network	GPON+EPON	
Test Mode	Series connect: Two ports pass through mode	
Insertion loss	No insertion loss, the optical signal power will be enhanced 3~10dB when FOH-100 series connect to the PON network	
Wireless	Bluetooth connection with Android phone app	
PON Data Parsing	OLT information: PON ID, OLT Tx power and class level * ¹ ONU information: Online ONU SN, Password, PPPOE account, LOID, Mac address	
ONU Status Identification	Online, ONU unregistered, Rogue ONU, Offline	Online, ONU unregistered, Rogue ONU (100% accuracy) Offline, No ONU, Fiber break (90% accuracy) * ²
High-precision OTDR	-	Working wavelength: 1550nm Deadzone: 2/6m, Dynamic range: >10dB Max. test distance: >20km
Rogue ONU detection	Support fast identification and location of rogue ONU	
PON Power Meter	1310nm: -30~+5dBm; 1490nm: -30~+5dBm	
Optical Interface	SC/UPC*2 or SC/APC*2	
Charging Port	USB Type-C charging port	
Power Supply	7000mAh lithium battery; Input: 5V/2A	
Working Temp	-10℃~50℃	
Humidity	5%~95% (no condensation)	
Dimension	175×94×46.5mm	
Weight	700g	

Notes:

1: The OLT information extraction needs to be activated in GPON OLT according to ITU-T G.984.3 Amd3

2: The FOH-100 PRO can further analyze whether an offline ONU is power off, or no ONU connected, or the drop cable fiber is broken. The comprehensive accuracy is >90%.