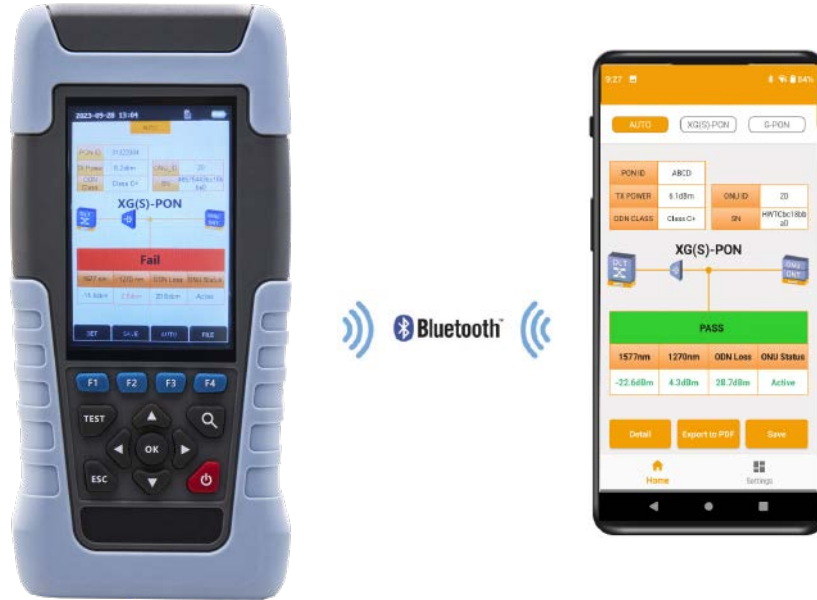


XG(S)-PON分析儀

FOH-200XGS-PRO PON Tester



With the upgrade of GPON networks to XG(S)-PON, we have launched the new FOH-200XGS-PRO to apply for the installation and maintenance testing of the upgraded Combo PON network. By connecting FOH-200XGS-PRO in series to the PON network, we can quickly and accurately extract OLT and ONU information, support testing GPON and XG(S)-PON at the same time.

Features:

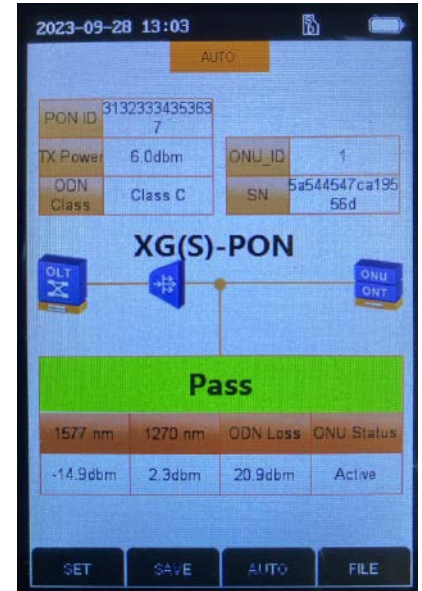
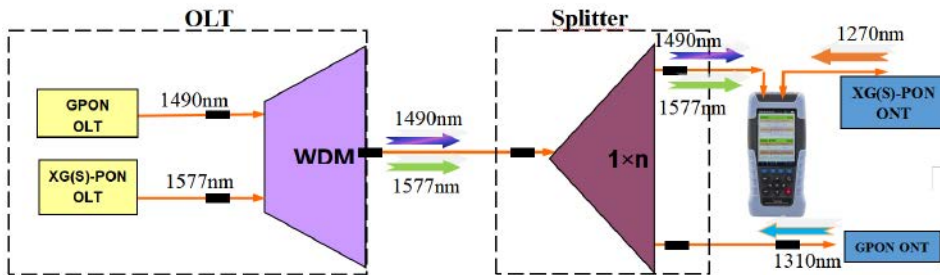
- 1、 Automatic PON-ID detection including OLT PON-ID, ODN class, Tx power, power level and ODN link pass/fail per ITU-T
- 2、 ONU/ONT ID and serial number, ONU status identification
- 3、 Downlink 1490nm/1577nm and uplink 1270nm/1310nm optical power measurement and judgement
- 4、 Test mode: two optical ports pass through mode, low insertion loss <1.5dB (typical)
- 5、 Compatible with GPON, XG(S)-PON and Combo network
- 6、 Bluetooth connection with phone app
- 7、 Low power consumption for extended continuous use
- 8、 20W quick charger

Applications:

Automatic OLT and ONU information analysis for Combo G/XGS-PON

FOH-200XGS-PRO analysis extracts specific data carried in the G-PON & XGS-PON standardized by ITU-T G.984.3 Amendment 3, including OLT PON-ID, ODN class, Tx power and ONU/ONT ID and serial number

- ★ PON ID and ONU SN identification to help technicians do the PON network mapping and organization when maintenance.
- ★ Supports co-existence of G & XGS-PON on the same PON for migration to 10G services
- ★ Easy to use, Dual ports pass through test mode and automatically recognize network types



ONU status identification

4 types ONU status identification: ONU Active, UnRegistered, Alien, Rogue

PON ID	ABCD	ONU ID	20
TX POWER	6.1dBm	SN	HWTcbe18bbe0
ODN CLASS	Class C+		

XG(S)-PON

PASS

1577nm	1270nm	ODN Loss	ONU Status
-22.6dBm	4.3dBm	28.7dBm	Active

PON ID	31323334353637	ONU ID	
TX POWER	6.0dBm	SN	5a544547c8391240
ODN CLASS	ClassC+		

G-PON

FAIL

1490nm	1310nm	ODN Loss	ONU Status
-15.1dBm		21.1dB	UnRegistered

PON ID	31323334	ONU ID	
TX POWER	6.2dBm	SN	
ODN CLASS	ClassC+		

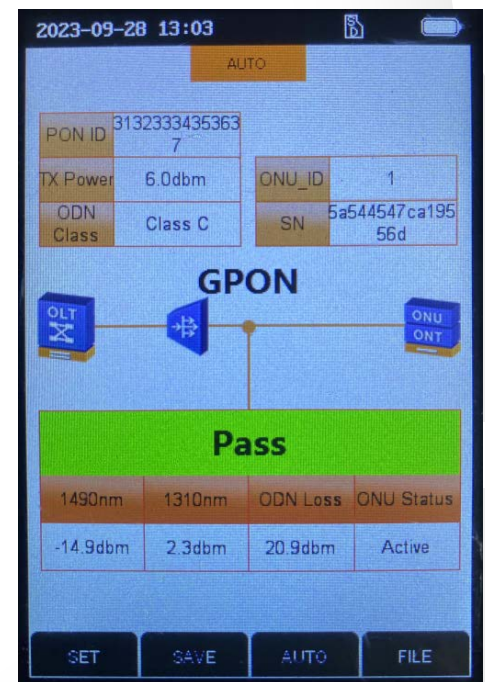
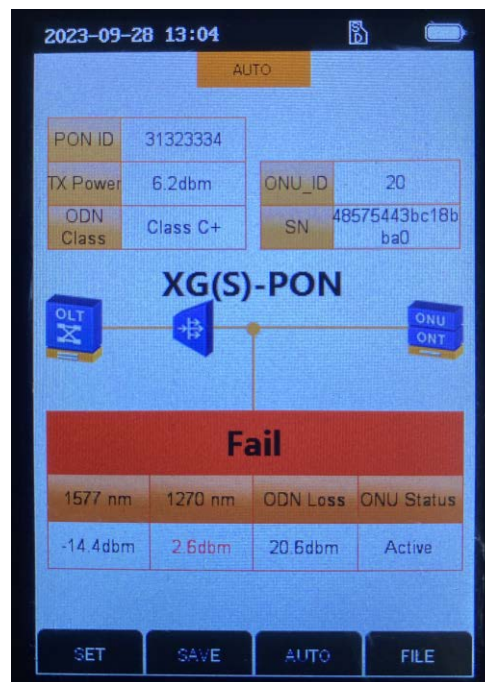
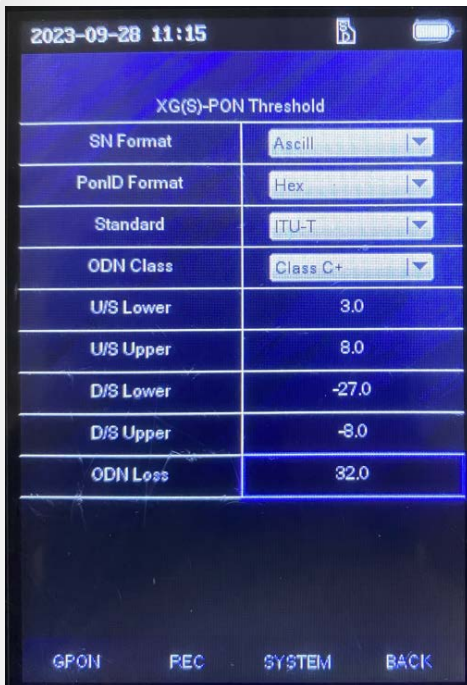
XG(S)-PON

FAIL

1577nm	1270nm	ODN Loss	ONU Status
-14.2dBm	-0.5dBm	20.4dB	Alien

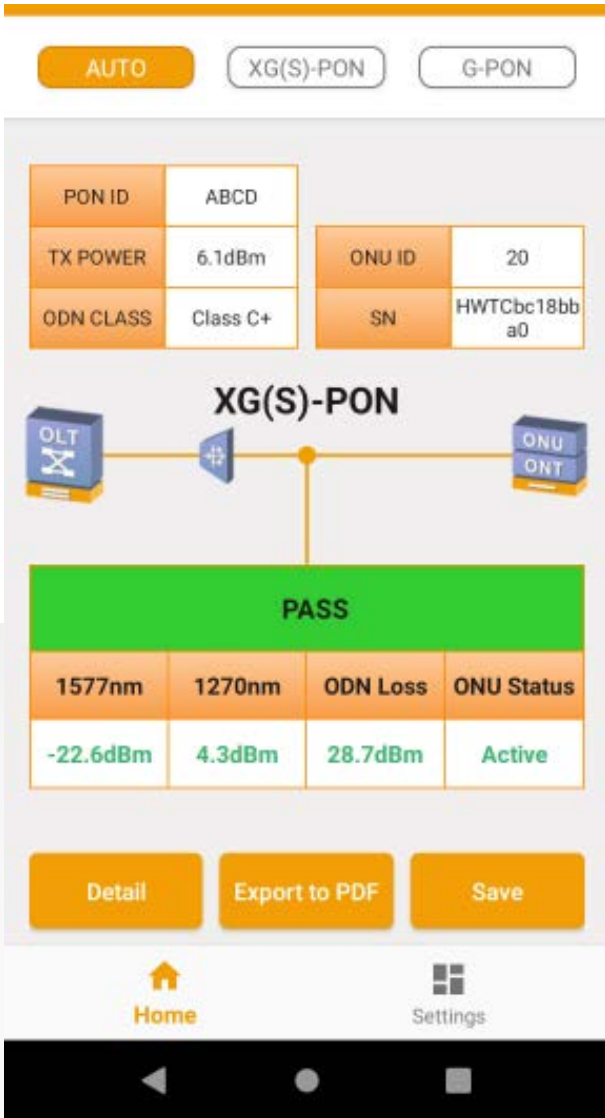
G/XG(S)-PON Power level and ODN link loss measurement

- ★ Automatically recognize network types between GPON and XG(S)-PON
- ★ Downlink 1490nm/1577nm and uplink 1270nm/1310nm optical power measurement and judgement
- ★ In-service ODN insertion loss measurement, enables techs and installers to ensure that the end-to-end optical loss of the PON is within specification when proceeding with an installation or maintenance according to ITU-T standard



Bluetooth connection with phone app

The FOH-200XGS-PRO supports Android mobile applications, allowing for direct synchronization and display of test results through bluetooth connection. On phone application, technicians can easily generate PDF test reports on-site and send it to the customer or the systems.



Mobile Phone APP



PDF Report Generation



FOH-200XGS-PRO Tester

- Automatic PON-ID detection including OLT PON-ID, ODN class, Tx power, power level and ODN link pass/fail per ITU-T
- ONU/ONT ID and serial number, ONU status identification
- Downlink 1490/1577nm and uplink 1270/1310nm optical power measurement and judgement
- Bluetooth connection with phone app
- Low power consumption for extended continuous use, support 20W quick charger
- Support generating test reports on site

Items	Specifications
Applicable Network	Version 1: GPON+XG(S)PON Version 2: GPON+XG(S)PON+EPON+10GEPON
Test Mode	Series connect: Two ports pass through mode
Insertion loss	<1.5dB insertion loss
PON Data Parsing	OLT information: OLT PON ID, ODN class, Tx power ONU information: ONU ID, ONU SN
Power Measurement	Downlink: 1490nm and 1577nm Uplink: 1270nm and 1310nm
Optical Interface	SC/APC*2
Charging Port	USB Type-C charging port 20W quick charge
Power Supply	5000mAh lithium battery; Input: 5V/2A
Display	3.5 inch color screen
Wireless	Bluetooth connection with Android phone app
Data Storage	16G TF Card
Working Temp	-10°C~50°C
Humidity	5%~95%(no condensation)
Dimension	193x94x47mm
Weight	609g

Notes:

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



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