Specifications:

Items	Specifications
AI Module (Artificial Intelligence Diagnosis Technology)	
Weak Light ONU Troubleshooting	Test End Setting: 1) Normal mode (Fiber link map function)
	2) Fiber end is ONU (Test from splitter towards to ONU)
	3) Fiber end is Splitter (Test from ONU towards to splitter)
	First connector insertion loss and the ONU/Splitter connectivity state can be tested
ONU Module (ONU Status Identification)	
ONU Status Type	ONU Online, ONU Offline, No ONU(Disconnected), Rogue ONU
OTDR	
Wavelength	Wavelength: 1550nm/1625nm/1650nm is optional (3 select 1)
Dynamic Range	20dB
Deadzone	Event dead zone: 1m, Attenuation dead zone: 4m
Test Range	500m~120km
Pulse Width	3ns~20us
Distance Accuracy	$\pm(1m+\text{Test distance}\times3\times10^{-5}+\text{Sampling resolution})$ (excluding IOR uncertainty)
10G PON Optical Power Meter	
Calibrated Wavelength	Simultaneously display 1490nm, 1577nm and 1270/1310nm power
Test Range	-40~+10dBm
Test Accuracy	±0.35dB
Stable Laser Source	
Wavelength	Consistent with OTDR
Output Power	>-12dBm
Working Mode	CW/270Hz/1kHz/2kHz
VFL	
Wavelength	650nm±10nm
Output Power	10mw；CW/1Hz/2Hz
RJ45 Cable Test	
Line Sequence Standard	TIA-568A or TIA-568B standard
Others	
Optical Interface	2*SC/UPC port, 1*2.5mm universal port for VFL
Electric Interface	2*RJ45 port, RJ45 remote module, Type-C charging/data port
Wireless	Bluetooth connection with Android phone app
Display	3.5 inch color LCD
Data Storage	Pluggable 16GB micro SD card
Battery	5000mAh lithium battery
Working Condition	-10℃~+50℃/ 0~85% (Non condensing)
Dimension/Weight	192.9L×93.8W×47Hmm/0.58kg

* Product specifications and descriptions are subject to change without prior notice

- FTTX LAST MILE FIBER TROUBLESHOOTING
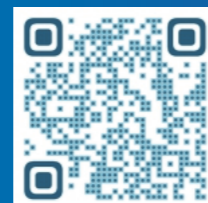- ONU STATUS IDENTIFICATION
- 10G PON POWER METER
- 60KM 1650NM OTDR
- STABLE LASER SOURCE
- 10MW VFL
- BLUETOOTH CONNECTION

FHO1500PLUS
OPTICAL EXPLORER

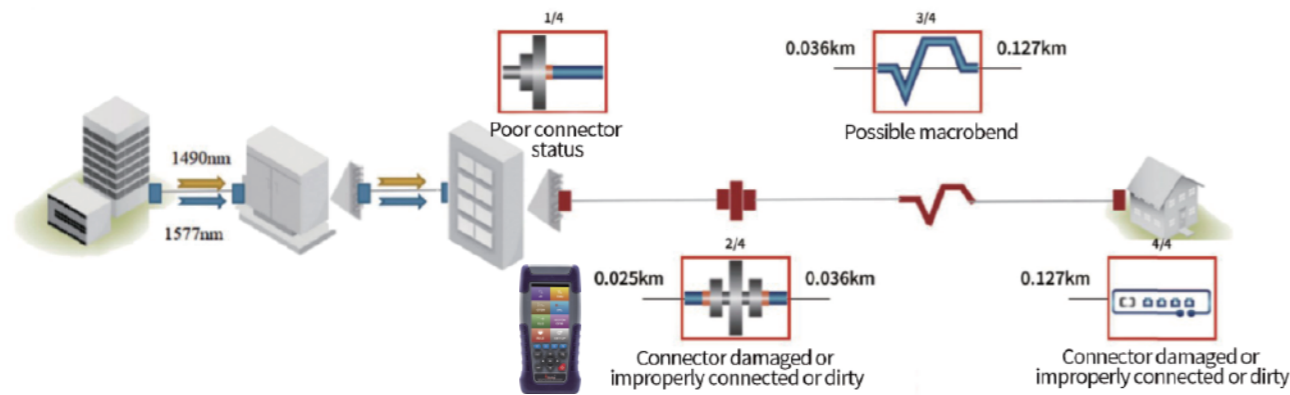**LET'S GO IN THE GRANDWAY!**

FTTX last mile fiber troubleshooting ▶

Innovative ways to accelerate the activation and maintenance of FTTX service
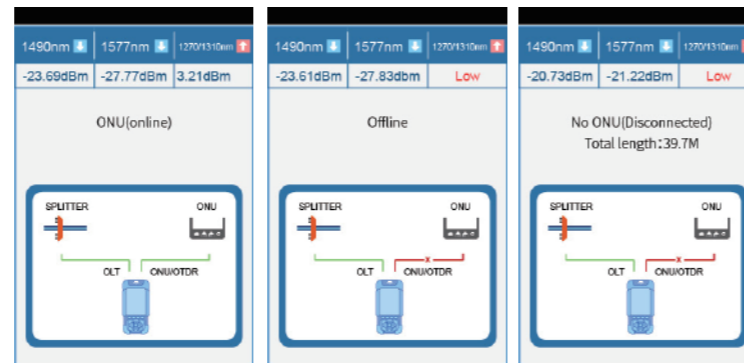
- FHO1500PLUS support one button test at splitter or ONU side, the downstream 1490/1577nm and upstream 1310/1270nm power will display at the same time, also the last mile fiber quality will be detected clearly

- First connector loss is measurable

- Excellent deadzone(1m/4m) to detect short 3m patchcord and the big attenuation loss within 10 meters
Splitter and ONU connection quality of the last mile fiber

ONU status identification ▶

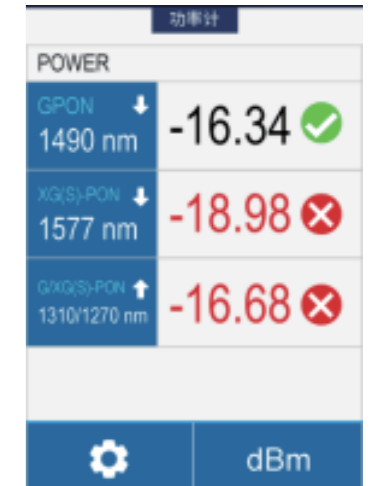**Connect in series to the fiber link to detect the ONU status**

- ONU Online, ONU Offline, No ONU(Disconnected), Rogue ONU

- 100% accuracy for Online ONU identification

- Release the occupied splitter port without ONU connected

10G PON Optical Power Meter ▶
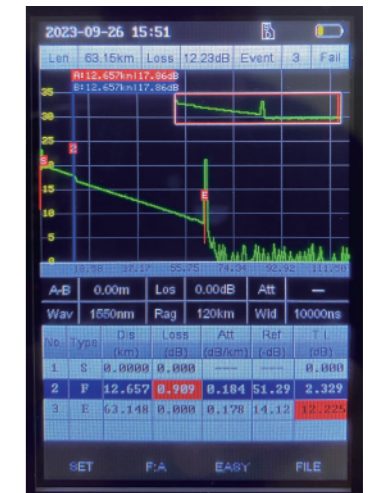
Built-in High Isolation Filter

- Precise selective measurement of 1490, 1577nm in Combo PON

- Simultaneously display 1490nm, 1577nm and 1270/1310nm power

- Support PASS/FAIL auto judgement

60km OTDR! ▶

Ultra short deadzone, High-precision measurement

- Support live fiber testing

- 3m continuous patchcord identification

- Fiber attenuation loss detection within 10m

Bluetooth connection ▶

- OTDR function wireless control on mobile APP

- Support for sending test data on mobile devices

- Support PING testing

LET'S GO IN THE GRANDWAY!