The High Precision OTDR is a Professional Equipment For FTTx & Metro Optical network Systems.

As fiber optics plays more and more important role in modern telecommunication and CATV networks, the requirements to the construction, test and maintenance of fiber optics links also become more prominent. FF-980PRO OTDR is a unique product mainly designed for construction and maintenance of telecommunication and CATV networks. TheFF-980PRO OTDR can be widely used in engineering construction, maintenance test and emergency repair of all fiber optics related systems. Comparing with a regular OTDR, the FF-980PRO OTDR is more compact in size and easier for field use.

FF-980PRO OTDR handheld design, compact and lightweight, easy to carry. Event information through IPS color display and data storage capabilities. Through the USB interface, the test data can be uploaded to the PC, to facilitate the post-processing, archiving and printing.

The High Precision OTDR

Features
> High Precision
> Integrated design, smart and rugged
> Shockproof, outdoor enhanced
> FC / ST / SC /LC Connectors exchangeable
> Automatic and manual test function
> OTDR Viewer software for data analysis
> Multi Functions, 4 in 1
   OTDR Function, Visual Fault Locator Function
   Light Source Function, Optical Power Meter Function

Applications
> FTTH Testing & Maintanance
> CATV network testing
> FTTA troubleshooting
> LAN Network Testing
> Access Network Testing

General	
Dimension	190x84x52mm
Display	IPS Touch Screen, 800x400px, 4 inch
Interface	1×USB, 1xOTDR port, 1xVFL port, 1xPower Meter Port, 1xCharging Port
Power Supply	7.4V/4400mAH(dc), 100V(ac) to 240V(ac), 50~60Hz
Battery	Lithium battery (with air traffic certification) Operating Time: 8 hours, Telcordia GR-196-COR
Power Saving	Backlight off, Auto shutdown
Data Storage	Internal memory: 200 curves
Language	English in default
Environmental Conditions	Operating temperature and humidity: -10℃~+50℃, ≤95% (non-condensation) Storage temperature and humidity: -20℃~+75℃, ≤95% (non-condensation) Proof: IP65(IEC 60529)

OTDR Module	
Dynamic Range	22/20dB
Distance Range	3m to 60km
Wavelength	1310/1550nm
Sampling Point	Maximum 65K
Linearity	≤0.05dB/dB
Averaging Time	5s, 15s, 30s, 1min, 2min, 3min
Auto Off	off/on
Distance Accuracy	±(1m+measuring distance×2×10^-4+sampling resolution) (excluding IOR uncertainty)
Screen Backlight	≤99
IOR Setting	1.0000~2.0000
Units	km, kft, ft
OTDR Trace Format	Telcordia universal, SOR, issue 2(SR-4731) OTDR: User selectable automatic or manual

Optical Power Meter Module	
Wavelength	850/1300/1310/1490/1550/1625nm
Testing Range	-70dBm ~ +10dBm
Accuracy	＜±3% （-10dBm，22℃）

Visual Fault Locator Module	
Wavelength	650nm
Power Level	10mW CLASS IIB (15km)
Launch Mode	CW, 2Hz, 1Hz

Light Source Module	
Wavelength	1310/1550nm
Power Level	-5dBm
Accuracy	±0.04@20℃@15min