

General Description

On-Line Mini Pro-OTDR is used for installation and maintenance of Optical Fiber Network especially in FTTx and Data Centers domains. This unit combines 8 different functions such as OF Network Test Data Analysis, Event Mapping, highly stable Laser Source, IL, OPM, VFL, RJ45 Sequence and quick detection of break points. Automated Testing is offered by single key operation.

If has 3.5" LCD Colored Screen. Robust body to bear mechanical shocks and drop test. Built-in Li Battery is rechargeable through USB Port with a capacity of 4000mAH.



Technical Specifications

Parameters	Particulars	
Wavelength	1310/1550nm	1610nm±20nm online(apc)
Fiber Type	G.652 SM Fiber	
Dynamic Range	24dB/22dB24dB	
Event Blind Zone	3m	
ATT Blind Zone	8m	
Test Range	10m~60km	
Pulse Width	5ns~10us	
Ranging Accuracy	±(1m+Sampling Interval +0.005% × Test Distance)	
Loss Accuracy	±0.2dB/dB	
Sampling Points	16k~128k	
Sampling Resolution	0.05m~8m	
Reflection Accuracy	±3dB	
Data Storage	Internal: ≥600; External: TF Card	
Laser Safety Level	Class II level	
File Format	SOR Standard File Format	
Connector	FC/APC (Interchangeable SC, ST)	
OPM		
Wave Range	800nm~1700nm	
Interface Type	Universal Joint FC/SC/ST	
Test Range	-50dBm~+26dBm	
Uncertainty	±5%	
FrequencyIdentification	CW/270/330/1k/2kHz	
Calibration Wavelength	850/1300/1310/1490/1550/1577/1625nm	
LS		
LD Type	FP-LD	
Output Wavelength	1310/1550nm	1610nm±20nm(apc)
Output Power	≥-5dBm	
Modulation Frequency	270/330/1k/2kHz	
Stability	CW, ±0.5dB/15min (Test after 15 mins of preheating)	
Connector	FC/APC (Interchangeable SC, ST)	

Parameters	Particulars
VFL	
Work Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	FC/SC/ST
RJ 45 Sequence	
Other Parameters	
Display	3.5 inch Color LCD
Data Interface	Micro USB
External Storage	TF Card
Power Supply	Polymer Li-battery: 3.7V, 4000mAh Power Adapter: 5VDC, 2A
Battery Life	Standby>20h: Measuring Time>12h
Operating Temperature	-10°C~+50°C
Storage Temperature	-4°C~+70°C
Relative Humidity	0~95% Non Condensing
Weight	≤350g
Dimension	173mm×82mm×37mm
Functions: Orange, OTDR/OPM/LS/VFL/IL/RJ45 Sequence	

Note: ○1 Test Temperature 25°C ±2°C Maximum pulse width, Average time ≥3min
 ○2 Test conditions of Event Blind Zone are minimum range ,minimum pulse width, reflection loss of optical end ≥45dB, typical value

Configuration List	
Host	1
Adapter	1
Data Line	1
CD (Analysis software, Manual)	1
User Manual	1
SC/APC Connector	1
Calibration Certification	1
Qualification Certificate/ Service Guarantee Card	1
Clean Cotton Slices	10
Instrument Bag	1

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