



AUGUSTO PEREIRA

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## MINI OTDR TR 12000

Ref: 19101SHTR1200D

### Descriptions

- 4.3-inch multi-touch capacitive screen, support zoom function, screen screenshot.
- Intelligent multi-function, 12-in-one functional module: automatic OTDR, expert OTDR, event map, optical power meter, visible fault locator, adjustable light source, optical loss test, RJ45 sequence test, RJ45 length test, RJ45 digital tracker, flashlight, end face detection (optional).
- Automatic OTDR, no complicated settings, one-key test.
- Expert OTDR, professional measurement mode, simultaneous display of curve, list, and MAP view.
- Event blind zone 2.5m, attenuation blind zone 8m, measuring range up to 100KM.
- Support optical test with optical signal less than -5dBm, high isolation bilateral filter technology.
- Support automatic saving, SOR file format, 8G storage capacity, 200,000 records can be stored.
- Support Type-C charging interface, 4000mAh polymer battery, battery life is more than 12.

## SPECIFICATIONS

Wavelength:	1310nm/1550nm±20nm
Fiber Type:	G.652 SM
Dynamic Range:	26dB/24dB
Event Blind Zone:	2,5m
ATT Blind Zone:	8m
Test Range:	500m, 1km, 2km, 4km, 8km, 16km, 32km, 64km, 100km
Pulse Width:	3ns~20us
Ranging accuracy:	± (1m+ Sampling interval +0.005%×Test distance)
Linearity:	±0.05dB/dB
Sampling Points:	16k~128k
Sampling resolution:	0.05m~8m
Reflection accuracy:	±3dB
Data Storage:	8Gb
Laser Safety Level:	Class II
File format:	SOR Standard file format
Connector:	FC/UPC (Interchangeable SC, ST)
<b>OPM</b>	
Wave Range:	800nm~1700nm
Interface Type:	Universal Joint FC/SC/ST
Test Range:	-70dBm~+6dBm or -50dBm~+60dBm
Uncertainty:	±5%
Frequency Identification:	CW/270/330/1k/2kHz
Calibration wavelength:	850/980/1300/1310/1490/1550/1625/1650nm
<b>LS</b>	
LD Type:	FP-LD
Wavelength:	1310nm/1550nm±20nm
Output Power:	(-2dBm±~-10dBm)±2dBm
Modulation Frequency:	270/330/1k/2kHz
Stability:	CW, ±0.2dB/15min (Test after 15 minutes of preheating)
Connector:	FC/UPC (Interchangeable SC、ST)
<b>VFL</b>	
Wavelength:	650nm±20nm
Output Power:	≥10mW
Mode:	CW/1Hz/2Hz
Connector:	Universal connector FC/SC/ST
<b>RJ45 Cable Length Measurement</b>	
Test Range:	0~300m

(Cont.)

## SPECIFICATIONS (Cont.)

### Other

Display:	Touch screen, 4,3 inch 800x480 IPS TFT-LCD Multi-touch capacitive
Data Interface::	Type -C
External Storage:	TFT Card
Power Supply:	Polymer Li-Battery: 3.7V, 4000mAh
Power Adapter:	5V DC, 2A
Battery Life:	Standby >20h; Mesuring time >12h
Operating Temperature:	-10°C~+55°C
Storage Temperature:	-40°C~+80°C
Relative Humidity:	0~95% Non Condensing
Size:	173mm×82mm×37mm
Weight:	≤500g
Size:	173x109x45mm

## COMPOSITIONS LIST

Items	Names	Qty
Host	TR1200D	1
	Adapter	1
	Data Line	1
	CD-ROM (Analysis software/User's Manual)	1
	FC/UPC	1
Standard accessory	SC/UPC	1
	User's Manual	1
	Qualification Certificate / Service Guarantee Card	1
	Calibration Certificate	1
	Clean Cotton Slices	10
	Carrying Bag	1