



AUGUSTO PEREIRA

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MINI OTDR TR 10000

Ref: 19101SHTR1000D

Descriptions

- Fiber & RJ45
- 3-5 Inch Color LCD
- 8 Functional Modules
- 24 dB Dynamic Range
- iOLM-Event Map
- 3m Event Dead Zone
- 60km Precision Testing

SPECIFICATIONS

Wavelength:	1310nm/1550nm±20nm
Fiber Type:	G.652
Dynamic Range:	24dB/22dB
Event Blind Zone:	3m
ATT Blind Zone:	8m
Test Range:	500m~60km
Pulse Width:	3ns~10us
Ranging accuracy:	± (1m+ Sampling interval +0.005%×Test distance)
Loss accuracy:	±0.05dB/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
File format:	SOR Standard file format
Connector:	FC/UPC (Interchangeable SC、ST)
OPM	
Wave Range:	800nm~1700nm
Interface Type:	Universal Joint FC/SC/ST
Test Range:	-50dBm~+26dBm
Uncertainty:	±5%
Frequency Identification:	CW/270/330/1k/2kHz
Calibration wavelength:	850/980/1300/1310/1490/1550/1625/1650nm
LS	
LD Type:	FP-LD
Wavelength:	1310nm/1550nm±20nm
Output Power:	≥-5dBm
Modulation Frequency:	270/330/1k/2kHz
Stability:	CW, ±0.5dB/15min (Test after 15 minutes of preheating)
Connector:	FC/UPC (Interchangeable SC、ST)
VFL	
Wavelength:	650nm±20nm
Output Power:	≥10mW
Mode:	CW/1Hz/2Hz
Connector:	FC/SC/ST
RJ45 Cable Length Measurement	
Test Range:	300m

(Cont.)

SPECIFICATIONS (Cont.)

Other

Display:	3,5 inch Color LCD
Data Interface::	Micro USB
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+50°
Storage Temperature:	-40°C+70°
Relative Humidity:	0~95% Non Condensing
Size:	173mm×82mm×37mm
Weight:	≤350g

Functions:

Blue, OTDR/EVENT, MAP/OPM/LS/VFL/RJ45 Sequence/RJ45 Cable Tracker(Additional purchase detector)/RJ45 Line length/Flashlight

Note:

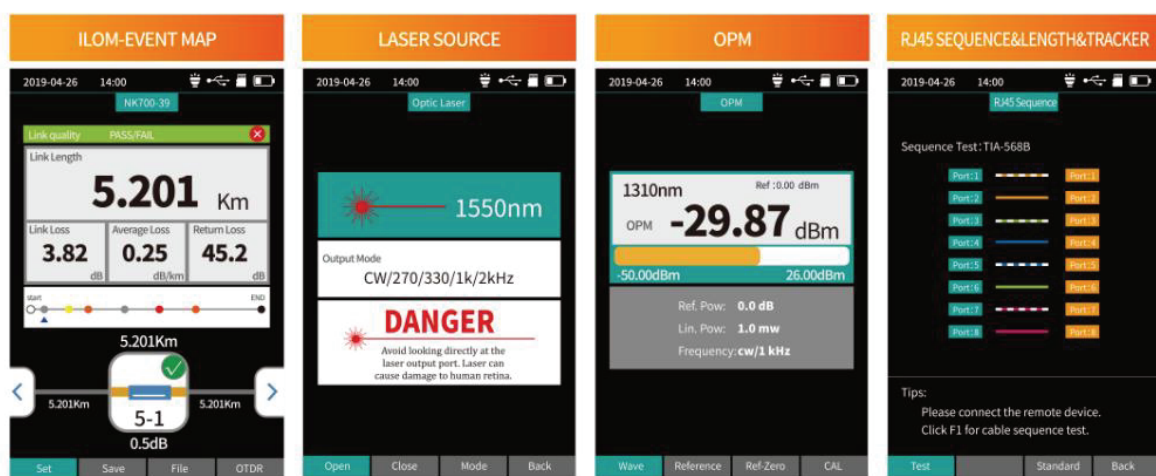
- Test temperature is 25°C±2°C, maximum pulse width, the average time is more than 3minutes.
- Test conditions of Event Blind Zone are minimum range, minimum pulse width, reflection loss of optical fiber end (> 45dB), typical value.

COMPOSITIONS LIST

Items	Names	Qty
Host	TR1000D	1
	Battery charger	1
	Micro USB Cable	1
	CD-ROM (Analysis software/User's Manual)	1
	SC/UPC	1
Standard accessory	User's Manual	1
	Qualification Certificate / Service Guarantee Card	1
	Calibration Certificate	1
	Clean Cotton Slices	10
	Carrying Bag	1

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PICTURES



24dB Dynamic Range
60km Precision Test
Online Detection -APD Effective Protection
3m Event Blind Zone



OTDR Optical Time Domain Reflectometer
OPM -50→+26dBm Optical Power Meter
VFL Visual Fault Locator
LS Stabilized Light Source
RJ45 Ethernet Cable Sequence Measurement
Flashlight



Dual-wavelength OTDR
iLOM-Event Map
RJ45 Cable Length Measurement
RJ45 Line-Tracker Function



One-click Automatic Test
File Auto-saving
Test Results Automatic Analysis



SOR File Batch Processing
Remote Upgrade
Batch Export of USB Data Files



12h Continuous measurement time
20h Super-long Standby
Working Temperature: -10°C ~ +50°C

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