

# LAN-OPTIC

## Mini OTDR tester touch screen



### Anvendelse

Produktet er lavet til Fiber teknikkere, som har til opgave at vedligeholde fiber links og ved hastudrykning for reparation af fiberlinks. Specielt egnet til fiberteknikkere, der dagligt arbejder med FTTH kabling.

TR1500S Mini OTDR er yderst kompakt og let at bære rundt på. Den er født med en 3,50" HD touch skærm.

Varenr.: 237945  
EANnr.: 5706683027505

### Specifikation

- 3,50 multi-touch skærm
- Intelligent multifunktion, 6-i-en funktions moduler: OTDR, event map, optisk power meter, lyskilde, Visual fault locator og "blinklys"
- Automatisk OTDR, ingen kompliceret opsætning, one key test
- Optisk live link test
- Event blind zone på 2,5 m, dæmpnings blind zone på 10 m, max målelængde på 80 km
- Understøtter automatisk lagring, SOR fil format

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### Descriptions

#### Touch Screen Mini OTDR

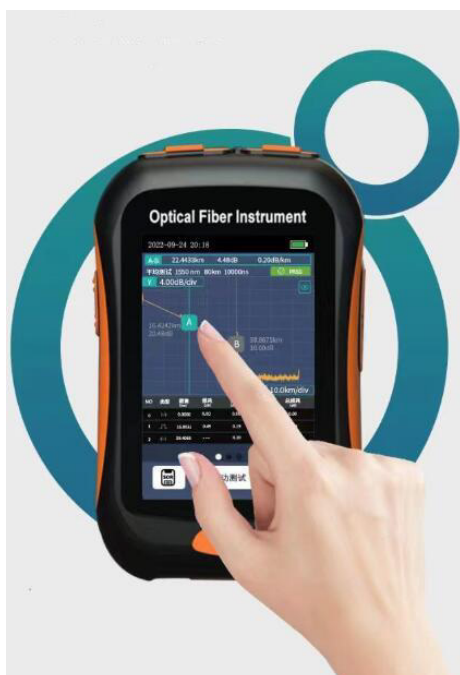
The mini OTDR is compact and easy to carry.

It adopts a 3.5 inches high-definition touch screen, supports multi-touch and smooth operation, integrates OTDR, event map, optical power meter, light source, visual fault locator and flashlight in one unit, to meet various test needs in different occasions.

The OTDR function adopts 1550nm wavelength and is built in high-efficiency wavelength isolator. It can perform optical live test on 1490 and 1577nm optical links, which supports up to about  $\pm 10\text{dB}$  optical live test. Its maximum measurement range is 80km.

The mini OTDR is used to measure optical fiber's length, loss, connection quality and other parameters. It can easily test the breaking point, bend and loss point of the optical fiber links.

It is suitable for maintenance personnel to have optical line maintenance and emergency repair testing.



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### Characteristics

- 3.5-inch multi-touch capacitive screen
- Intelligent multi-function, 6-in-one functional module: OTDR, event map, optical power meter, light source, visual fault locator and flashlight
- Automatic OTDR, no complicated settings, one-key test
- On-live optical link test
- Event blind zone 2.5m, attenuation blind zone 10m, measuring range up to 80KM
- Support automatic saving, SOR file format

### Configuration List

NO.	NAME	QUANTITY	Remarks
1	Host	1	Battery included
2	Adapter	1	
3	Data Line	1	
4	CD-ROM(Analysis software/User's Manual)	1	
5	User's Manual	1	
6	FC/UPC	1	
7	Qualification Certificate/ Service Guarantee Card	1	
8	Calibration Certificate	1	
9	Cleaning Pads	10	
10	Special Instrument Package	1	

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### Technical Specifications

Model	237945
Wavelength	1550nm±20nm
Type	G.652 SM
Live Test	Yes
Dynamic Range	20dB
Event Blind Zone	2.5m
ATT Blind Zone	10m
Test Range	100m, 300m, 500m, 1.25km, 2.5km, 5km, 10km, 20km, 10km, 80km
Pulse Width	5ns~20us
Ranging Accuracy	±(1m+Sampling interval+0.005%×Test distance)
Linearity	±0.05dB/dB
Sample Points	≥20000
Sample Resolution	≤0.03m
Loss Resolution	0.01dB
Loss Threshold	0.2dB
Distance Resolution	0.01m
Refractive Index	1.00000~2.00000
Reflection Accuracy	±3dB
Laser Safety Level	Class II
File Format	SOR Standard file format
Loss Measurement Mode	4-point/5-point
Connector	FC/UPC(Interchangeable SC, ST)
Optical Power Meter	
Wave Range	850/980/1300/1310/1490/1550/1625/1650nm
Interface Type	Universal connector FC/SC/ST
Test Range	-70dBm~+6dBm(optional) -50dBm~+26dBm(standard)
Uncertainty	±5%
Frequency Identification	CW/270/330/1k/2kHz
Optical Light Source	
LD Type	FP-LD
Wavelength	Consistent with OTDR output wavelength
Output Power	≥-5dBm

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### Technical Specifications

Output Mode	CW/270Hz/330Hz/1kHz/2kHz
Connector	SC/UPC
Visual Fault Locator(VFL)	
Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	Universal connector FC/SC/ST
General Specifications	
Display	Touch Screen, 3.5 Inches 320*480 color LCD
Data Interface	Type-C
Power Supply	Polymer Li-Battery: 3.7V, 2200mAh, Adapter: 5V DC, 2A
Battery Working	Standby>6h; Measuring time>4h
Operating Temperature	-10°C ~+50°C
Storage Temperature	-40°C ~+70°C
Relative Humidity	0~95% Non Condensing
Weight	≤200g(including battery)
Size	126mm×80mm×37mm
The standard configuration: OTDR, Event Map, OPM, VFL, LS, Flashlight	