Product Name	GAOTek Fiber Optic Equipment Test Machine Mini OTDR
Product SKU	GAOTek- OTDR-197
Product URL	https://gaotek.com/product/gaotek-fiber-optic-equipment-test-machine-mini-otdr-2/

Contents

QUICK DETAILS

- Wavelength: 1310/1550nm
- Event blind zone: 8m
- ATT Blind Zone: 15m
- Test Range: 10m~60km
- Data storage: internal: ≥600; External: TF Card
- Battery Life: Standby >20th; Measuring Time >12h
- Power Supply: Polymer Li-battery; 3.7V, 4000mAh, Power adapter: 5VDC, 1A
- Weight: ≤ 400g
- Use: OTDR/Event map/OPM/LS/VFL/IL/RJ45 sequence /Lighting

FIBER OPTIC EQUIPMENT TEST MACHINE MINI OTDR

PRODUCT DESCRIPTION

Online Fiber Optic Equipment Test Machine Mini OTDR is applied to FTTx and access network construction and maintenance, to test fiber breaking point, length, loss and input light automatic detection, automatic test by one key. The tester is compact with 3.5inch colorful LCD screen, new plastic shell design, shock-proof and drop-proof. The tester also combines 8 functions with highly integrated OTDR, Event maps, stable light source, Optical power meter, visual fault locator, RJ45cable sequence, IL and lighting functions. It could quick detection of break-point, universal connector, 600 internal storage, TF card, USB data storage and built-in 4000mAh lithium battery, USB charging. It is a good choice for long term field work.

PRODUCT FEATURES

- Easy to use
- Portable, rugged, Light weight
- More accurate testing results and better repeatability
- Automatic pulse width control designed to ensure a convenient operation
- Easy to identify the faults' location
- Built-in visual fault locator (VFL) makes it convenient to find the faults in dead zone
- Dust, water and shock proof, designed for field use
- 3.5inch colour LCD

PRODUCT SPECIFICATION

Fiber Optic Equipment Test Machine Mini OTDR	
Model	SP-JW3302SJ

Wavelength	1310/1550nm	1550mn online
Fiber type	G.652 SM Fiber	
Dynamic Range	22dB/20dB	24dB
Event Blind zone	8m	
ATT Blind Zone	15m	
Test Range	10m~10000ns	
Ranging Accuracy	+/-(1m+ sampling interval +0.005%X test distance)	
Loss Accuracy	+/- 0.2dB/dB	
Sampling points	16k~88k	
Sampling Resolution	0.7m	
Reflection accuracy	+/- 3dB	
Data storage	Internal: >/-600: External: Tf card	
Laser safety level	Class II level	
File format	SOR standard file format	
Connector	FC/PC (interchangeable SC, ST)	

OPM

Wave range	800nm~1700nm
Interface type	Universal joint FC/SC/ST
Test Range	-50dBm~+26dBm
Uncertainty	+/-5%
Frequency identification	CW
Calibration wavelength	850/1270/1300/1310//1490/1550/1577/1625nm

LS

LD type	FP-LD	
Output wavelength	1310/1550nm	1550nm
Output power	>/-5dBm	
Modulation frequency	CW/270/1k/2kHz	
Stability	CW, +/-0.5dB/15min (test after 15mins of preheating	
Connector	FC/APC (interchangeable SC, ST)	
VFL		
Work wavelength	650nm+/-20nm	
Output Power	>/-10mW	
Mode	CW/1Hz/2Hz	
Connector	FC/SC/ST	
RJ45 Sequence		
Other parameters		
Display	3.5-inch colour LCD	
Data interface	Micro USB	
External storage	TF card	
Power supply	Polymer Li-battery:3.7v, 4000mAh, Power adapter: 5VDC, 1A	
Battery life	Standby >20h: Measuring time>12h	
Operating Temperature	-10 degree ~+50degree Celsius	
Storage temperature	-40degree ~ 70degree Celsius	
Relative humidity	0~95% non-condensing	

Weight	</=400g
Dimension	173mmx85mmx 42mm
Functions：OTDR/Event map/OPM/LS/VFL/IL/RJ45 Sequence/Lighting	

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

NO	Name	Qty	Remark
1	Host	1	Battery includes
2	Adapter	1	
3	Data Line	1	
4	User manual	1	
5	SC/UPC Connector	1	
6	Calibration certification	1	
7	Qualification certificate/service guarantee	1	
8	Clean Cotton slices	10	
9	Instrument bag	1	

Contact us: **sales@gaotek.com**