



8 in 1 Mini OTDR



Online Mini-Pro OTDR is apply to FTTx and access network construction and maintenance, to test fiber breakpoint, length, loss and input light automatic detection, automatic test by one key. It is compact with 3.5inch colorful LCD screen, new plastic shell design, shock-proof and drop-proof. It is also combine 8 functions with highly integrated OTDR, event maps, stable light source, optical power meter, Visual Fault Locator, RJ45 cable sequence, IL and lighting functions. It could quick detection of breakpoint, universal connectors. 600 internal storage, TF card, USB data storage and built-in 4000mAh lithium battery, USB charging. It is good choice for long term field work.

Technical Specifications

Mini-Pro OTDR		
Model	SPTK-3302SJ	
Wavelength	1310/1550nm	1550nm online
Fiber Type	G.652 SM Fiber	
Dynamic Range	22dB/20dB	24dB
Event Blind Zone	8m	
ATT Blind Zone	15m	
Test Range	10m~60km	
Pulse Width	5ns~10000ns	
Ranging Accuracy	$\pm (1m + \text{Sampling Interval} + 0.005\% \times \text{Test Distance})$	



Loss Accuracy	±0.2dB/dB	
Sampling Points	16k~86k	
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 Color 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°C~+50°C
Storage Temperature	-40°C~+70°C
Relative Humidity	0~95%Non Condensing
Weight	≤400g
Dimension	173mm×85mm×42mm
Functions: OTDR/Event map/OPM/LS/VFL/IL/RJ45 Sequence/Lighting	

Note: ♂Test Temperature25°C±2°C, Maximum pulse width, Average time≥3min。

♀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 Include
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 Card	1	
8	Clean Cotton Slices	10	
9	Instrument Bag	1	

Note: If you need more customized services, please contact us.

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