

FICHA TÉCNICA

MINI-PRO OTDR TR100S/D



Mini-Pro OTDR multi-functional photoelectric integrated tester, suitable for FTTX and access network construction and maintenance, testing the fiber break point, length, loss, input light automatic detection, suitable for long-term field work

FEATURES

- *Suitable for FTTX and access network based construction and maintenance of the project, testing the fiber break point, length, loss, input light automatic detection, one-click automatic test
- *Contains 600 internal storage, expandable TF card
- *Eight-in-one function, highly integrated OTDR, optical sensor, stable light source, high-power light OPM, VFL, wire sequence calibration, wire length measurement, lighting functions in one instrument
- *Built-in 4000 mah lithium battery, USB charging, portable power source at any time, suitable

Specification

Mini-Pro OTDR		
Model	TR100S	TR100D
Wavelength	1550nm±20nm	1310nm/1550nm±20nm
Fiber Type	G.652	
Dynamic Range	22dB	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	1550nm±20nm	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	
Other Parameters		
Display	3.5 inch Color LCD	
Data Interface	Micro USB	
External storage	TF Card	
Power Supply	Polymer Li-Battery:3.7V,4000mAh	
	Adapter:5VDC,2A	
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	
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		