



High Quality, Handy, Lightweight, Powerful,  
Tablet-Inspired design

# SMART TEL-900 OTDR



## Key Features:

- AUTO OTDR
- EXPERT OTDR
- EVENT MAP
- OPTICAL LOSS METER
- RJ45 CABLE TRACKER
- OPM
- LASER SOURCE
- Rj45 SEQUENCE
- RJ45 LENGTH
- FILE MANAGEMENT
- VFL

OTDR					
Model	Tel 900	Tel 900 A	Tel 900 B	Tel 900 C	Tel 900 D
Type	G.652 SM				
Wavelength	1310/1550±20nm	1310/1550±20nm	1625nm	1650nm	850/1300nm(SM)
Dynamic Range	26dB/24dB	32/30dB	22dB	22dB	22/24dB
Event Blind Zone	2.5m				
ATT Blind Zone	8m				
Test Range	500m/1km/2km/4km/8km/16km/32km/64km/100km				
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/160ns/320ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us				
Ranging Accuracy	± (1m+Sample interval+0.005% ×Test distance)				
Linearity	≤0.05dB/dB				
Sample Points	16k~128k				
Sample Resolution	0.05m~8m				
Loss Resolution	0.001dB				
Loss Threshold	0.20dB				
Range Resolution	0.001m				
Refractive Index	1.00000-2.00000				
Reflection Accuracy	±3dB				
File Format	SOR Standard File Format				
Loss Analysis	4-point method /5-point method				
Laser Safety Level	Class II				
Connector	FC/UPC (Interchangeable SC、ST) Or SC/APC				
Refresh Rate	3Hz (Typ.)				
Multitasking	Support				
OPM		LS		RJ45 Cable Length	
Wave Range	800nm~1700nm	Wavelength	Same with OTDR	Test Distance	≥300m
Test Range: -70~+10dBm/ -50~+26dBm		Laser Type	FP - LD	Others	
		Power	≥-5dBm		
Resolution	0.01dB	Stability cw, ±0.5dB/15min (After15min of preheating)		Display: 4.3 inches 800×480 IPS TFT - LCD Multi touch capacitive touch screen	
Uncertainty	±5%	FC/UPC (Interchangeable SC,ST)		Power supply: AC/DC adapter	
Frequency identification	CW/270/330/1k/2kH (Use inner LS)	Mode: CW/270Hz/330Hz/1kHz/2kHz		Input:100V~240V, 50/60Hz, 0.6A Output: 5v 2A Lithium battery:3.7V,4000mAh	
Connector	Universal FC/SC/ST	Wave Recognition	Support	Battery Working	Continuous test> 12h
Wave Recognition	Support	Optical Loss Test		Data Storage	8GB, ≥20 thousand curves
VFL		Wavelength	Same with LS	Data Interface	USB Type C
Wavelength	650nm±20nm	IL Test	Support	Work Temperature	-10°C~+50°C
Output Power	≥10mW	RJ45 cable tracker		Storage Temperature	-40°C~+70°C
Mode	CW/1Hz/2Hz	Mode	Digital tracking	Relative Humidity	0~95% Non Condensing
Connector FC/UPC (Interchangeable SC ST)		Distance	≥300m	Weight	≤0.5kg
Safety Level	Class III	Support Online/ Line Pair Tracking		Size	173mm × 109mm × 45mm