

Series Touch Screen Mini OTDR (1200D-AT)

**Product Overview:**

This series of OTDR is a multi-functional optical measuring instrument, which integrates OTDR, event map, optical power meter, visual fault location, light source, optical loss test, cable line length/sequence test, cable tracking and other functions. It has touch screen and keys. It is the right assistant for optical cable construction, installation and maintenance, project acceptance and on-site repair.

Product Features:

- High-performance CPU, fast speed, smooth operation
- Support dual-wavelength test Measurable macro bending
- Small blind area, short fiber test results are Good
- Support transmitting optical fiber, End fiber Setup
- OT curve list is displayed in full Screen
- Multiple sampling points high accuracy

Specifications:

Model	D1	D2	F1	F2	P1F1	P1F2	P2F2	M1
Type	SM							MM
Wavelength(±20nm)	1310/1550	1310/1550	1550	1610	1625	1625	1650	850/1300
Dynamic Range	26/24dB	30/28dB	24dB	24dB	26dB	30dB	30dB	22/24dB
Event Blind Zone	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m
ATT Blind Zone	8m	8m	8m	8m	8m	8m	8m	8m
Distance range	0.1/0.3/0.5/1.25/2.5/5/10/20/40/80/125/260km							
Distance unit	km, mi, kft							
Pulse Width	5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us							
Ranging Accuracy	± (0.75m+Sample interval+0.0025%×Test distance)							
Loss Threshold	0.001dB							
Linearity	±0.03dB/dB							
Sample Points	≥160k							
Sample Resolution	0.015m~16m							
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、LC))		
LS		LED flashlight Others	
Wavelength	Consistent with OTDR		
Power①	≥-5dBm	Display	4.3 colour TFT LCD WVGA (Multi touch capacitive touch screen) resolving power : 800*480 pixel
Mode	CW/270Hz/1kHz/2kHz	Data Interface	Type-C、RJ45×2 LAN 10M/100M bit/s
Laser level	CLASS 1M	Data Storage	Storage : 8GB (≥20000 curves) File Format : SOR
Optical output port	OTDR port	Size	173×109×45mm
RJ45 Cable Tracker		Weight	≤0.5kg
Distance	300m	environment condition	Working Temperature : -10°C~+50°C
RJ45 Cable Length			Storage Temperature : -40°C~+70°C
Distance	300m		Relative Humidity : 0~95% Non-Condensing
Notes : ① Except for special wavelengths such as 850/1300nm.			Altitude : 4000m or less
VFL		Power requirements	DC USB power supply (Type-C) 5V±10%, maximum 2A
Wavelength	650±20	Battery type capacity	Type: polymer lithium-ion battery, 4000mAh
Output Power	≥10m		Charging time: 4 hours (typical value)
W		Safety standards	EN61010-1
Mode	CW/1Hz/2Hz	Laser safety	IEC/EN60825-1 : 2007 GB7247.1-2012
Laser Safety Level	Class 3R	EMC	Radiation standard: EN61326-1 Class A
Connector	Universal optical interface (2.5mm)		Immunity: EN61326-1 Table 2
VFL		language	Customizable in Chinese, English and other languages
Calibration	850/980/1300/1310/1490/1550/1625/1650nm		

Standard configuration: OTDR, event map, OPM, VFL, LS, optical loss test, RJ45 cable tracker, RJ45 cable sequence, RJ45 cable length test, flashlight

Configuration List:

Host (Contain Battery) , Power Adapter, Data Line, CD Rom or TF Card (Contain Analysis Software / Operation Manual) , User's Manual, Calibration Certification, SC Adapter, Certificate/ Warranty Card, Alcohol Cotton Chips, Instrument Bag, Cable Finder

