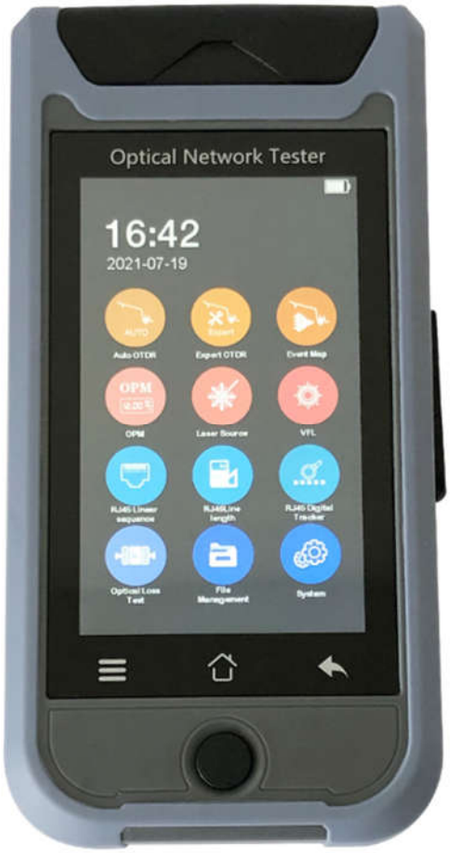
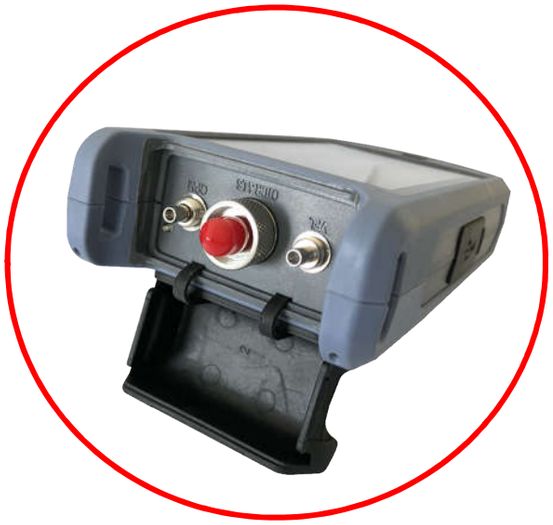
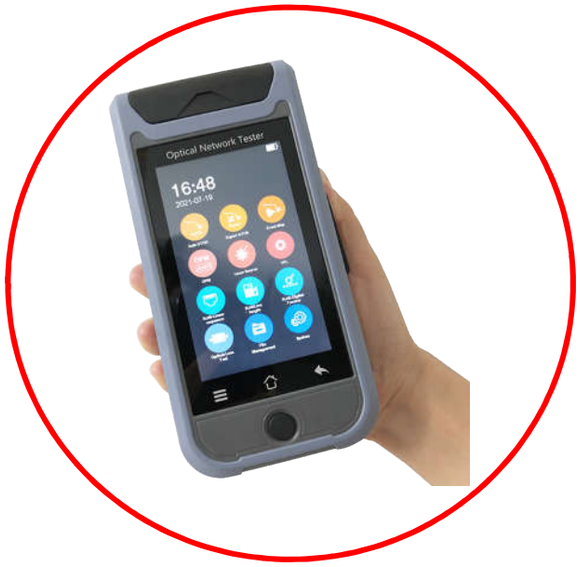
Mini OTDR ST3200F

Brief introduction:







ST3200F series OTDR adopts 4.3 inch capacities touch screen. It integrates 12 functions, such as auto OTDR, expert OTDR, event map, OPM, RJ45 cable tracker, and "computer level" file management to meet various test requirements in different occasions.

ST3200F series are used to measure the length, loss, connection quality and other parameters of optical fiber. It is widely used in FTTX, secondary backbone network engineering construction, maintenance and emergency repair test, and production measurement of optical fiber and cable.

Features:

- Expert OTDR: Professional measurement, curve/list/map are displayed simultaneously.
- Auto OTDR: no complex settings, one key test.
- OPM supports CW/270/330/1k/2kHz frequency identification.
- VFL and LS can run in the background, multi task can be operated simultaneously.
- LS supports CW/ modulation mode output with adjustable output power.
- RJ45 cable tracker of digital radar, stronger anti-jamming ability.
- Auto OTDR, expert OTDR, event map, OPM, LS, VFL,RJ45 cable sequence, RJ45 cable tracker, RJ45 cable sequence, RJ45 cable length, end face detection, flash light optical loss test.
- RJ45 cable sequence, cable length test, up to 300m.
- One click screen capture, easy to save the interface.
- Support ILOM.
- Support SC/APC

Specification:

OTDR					
Model	ST3200F-A	ST3200F-B	ST3200F-C	ST3200F-D	ST3200F-E
Type	G.652 SM				
Wavelength	1310/1550±20nm	1310/1550±20nm	1310/1550±2	1625nm	1650nm
Dynamic Range	24/22dB	26dB/26dB	32/30dB	22dB	22dB
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				

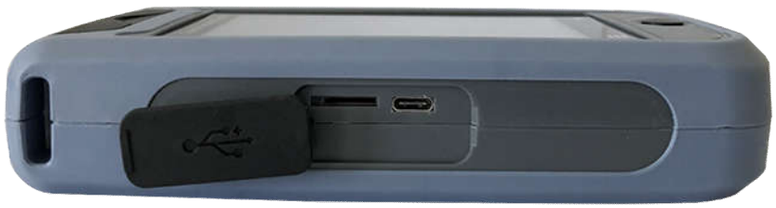
OPM		LS		RJ45 Cable Length	
Wave Range	800nm~1700nm	Wavelength	Same with OTDR	Test Distance	≥300m
Test Range: -70~+10dBm/ -50~+26dBm		Laser Type	FP - LD	Others	
		Power	≥-5dBm	Display：4.3 inches 800×480 IPS TFT - LCD Multi touch capacitive touch screen	
Resolution	0.01dB	Stability cw, ±0.5dB/15min (After15min of preheating)			
Uncertainty	±5%	FC/UPC (Interchangeable SC,ST)		Power supply: AC/DC adapter Input:100V~240V, 50/60Hz, 0.6A Output: 5v 2A Lithium battery:3.7V,4000mAh	
Frequency identification	CW/270/330/1k/2kH (Use inner LS)	Mode： CW/270Hz/330Hz/1kHz/2kHz			
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

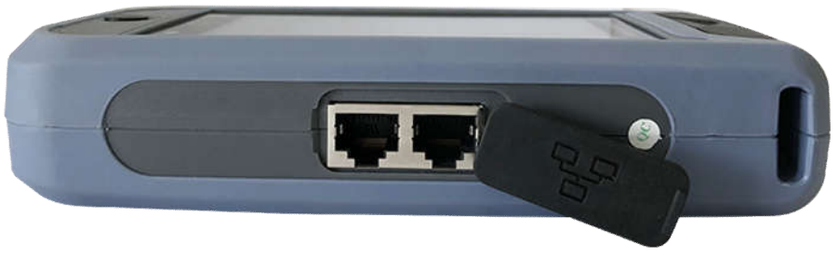
Standard configuration:

Auto 0TDR, expert OTDR, event map, OPM, LS, VFL, RJ45 cable tracker(Including line finder), RJ45 cable sequence, RJ45 cable length, end face detection(0ptional), flashlight, optical loss test

Configuration list:

Host (Battery included)， Adapter, Data Line,8G TF card (built-in OTDR, Analysis software/User's Manual),User' s Manual, SC/UPC, Qualification Certificate/ Service Guarantee Card, Calibration Certificate, Clean Cotton Slices, Instrument Backpack





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