

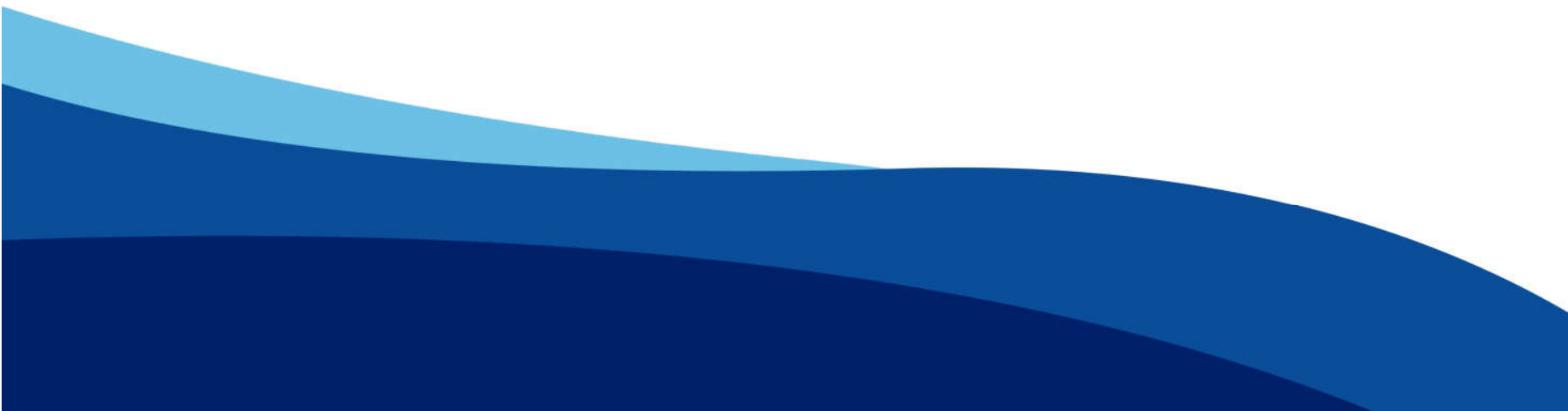
Brief introduction:



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
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Specification:

| OTDR | | | | | | |
|---------------------------------------|--|--|------------------|--|--------------------------|----------------|
| Model | ST3200F-A | ST3200F-B | | ST3200F-C | ST3200F-D | ST3200F-E |
| 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℃~+50℃ | |
| Output Power | ≥10mW | RJ45 cable tracker | | Storage Temperature | -40℃~+70℃ | |
| Mode | CW/1Hz/2Hz | Mode | Digital tracking | Relative Humidity | 0~95% Non Condensing | |
| Connector FC/UPC SC ST) | (Interchangeable | Distance | ≥300m | Weight | ≤0.5kg | |
| Safety Level | Class III | Support Online/ Line Pair Tracking | | Size | 173mm × 109mm × 45mm | |

Standard configuration:

Auto OTDR, expert OTDR, event map, OPM, LS, VFL, RJ45 cable tracker(Including line finder), RJ45 cable sequence, RJ45 cable length, end face detection(Optional), 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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