

ST3200H 7 inch OTDR

Multi-wavelength and multi-dynamic options

Detect 1:64 Splitter

SM MM Optional

OPM VFL LS

iOLM / Event Map



DUST PROOF/WATER PROOF



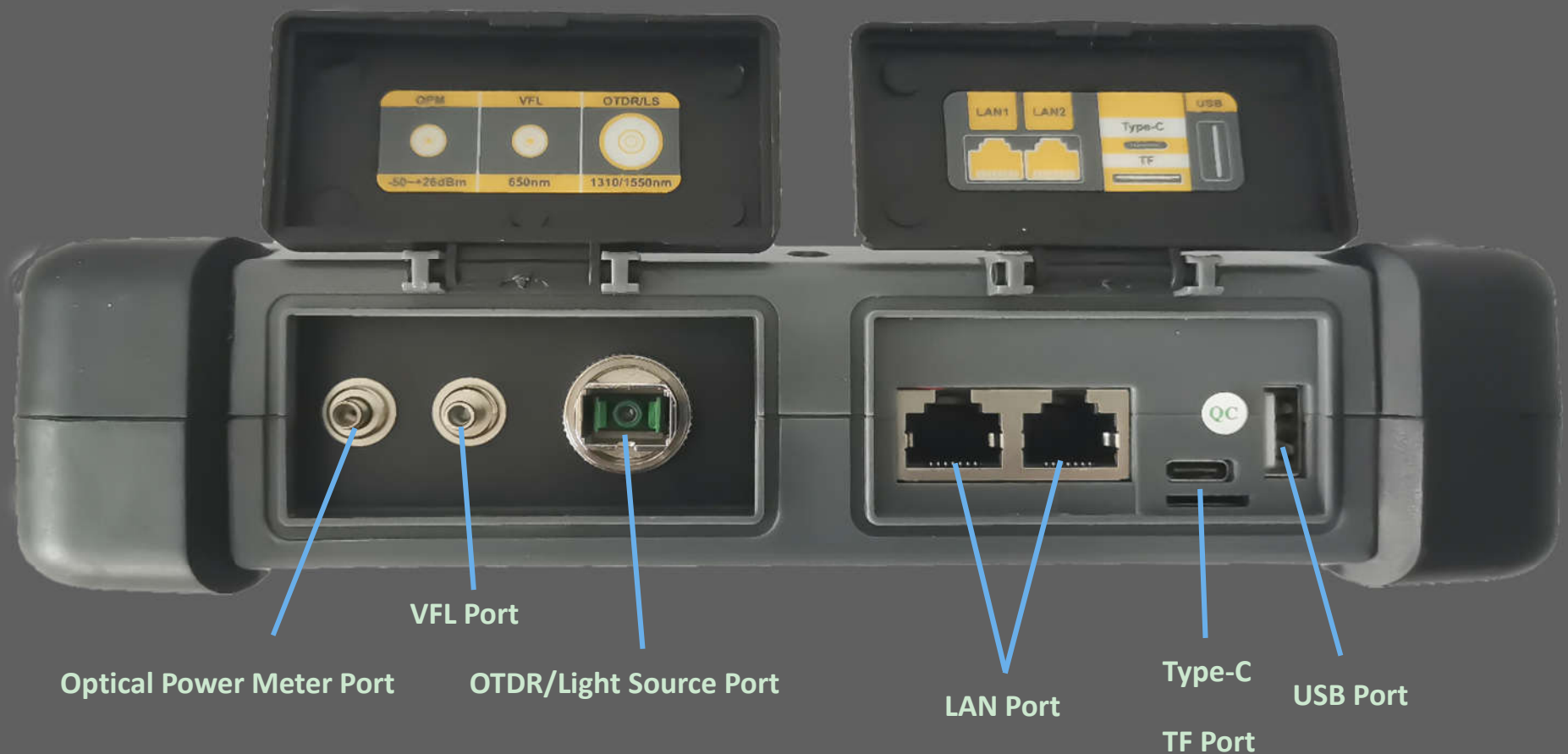
Shock Resistance

1.5 Meter Drop Test



Interface Button

Introduction



Designed for Efficiency

Integrated OTDR/light source, optical power meter VFL , Ethernet test, insertion loss, microscope multi-function in-body



VFL



OPM



OTDR

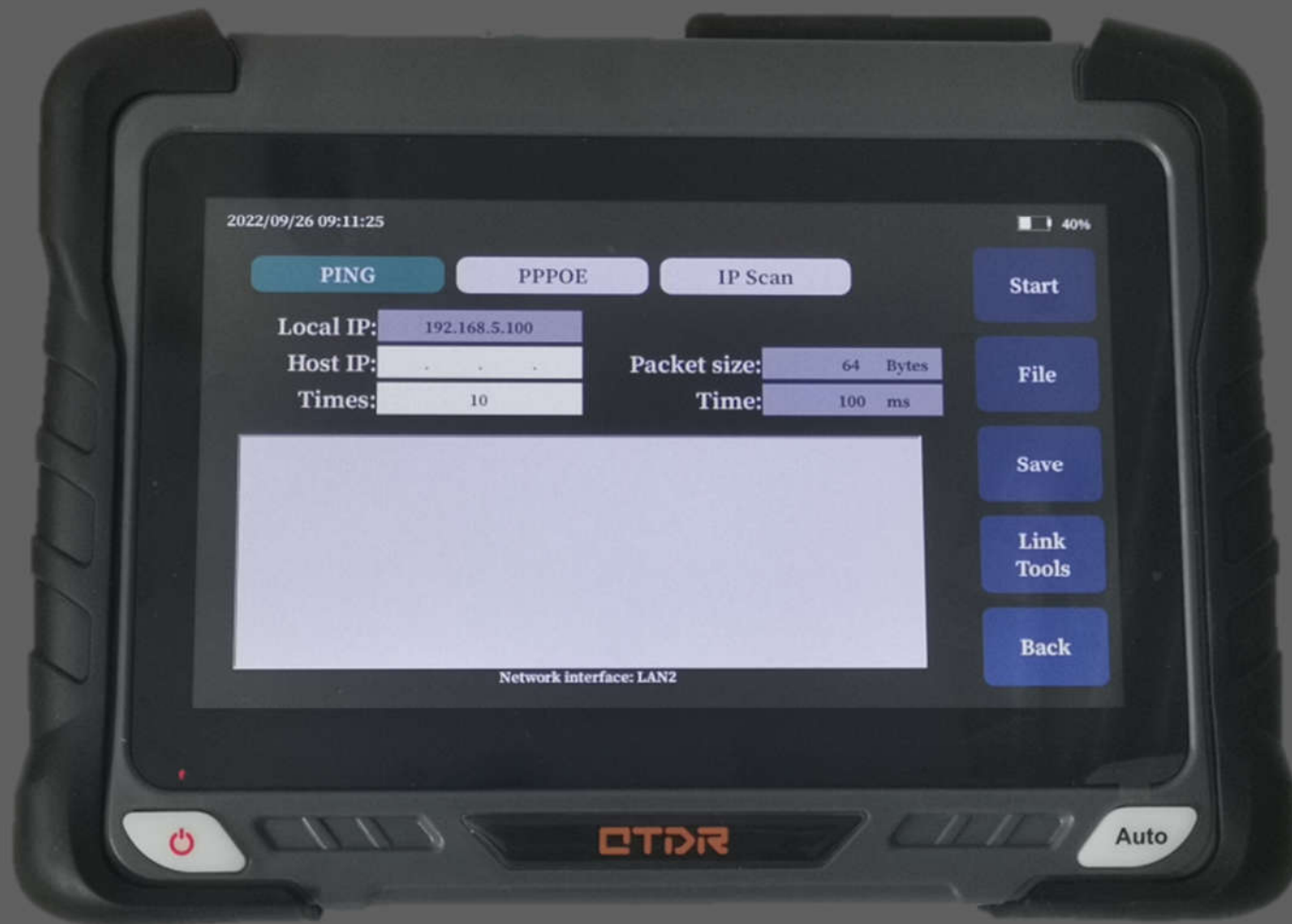
Intelligent Optical Link Mapper Event Map



Customizable Language



Ethernet Test



Microscope (optional)



Model	A	B	C	D	E	F	G	H	I	J	L	L	M	N	O	P	
Type	SM													MM	SM/MM		
Wavelength	1310/1550nm					1310nm /1490nm /1550nm		1310nm /1550nm /1625nm		1310nm /1550nm /1650nm		1310nm /1550nm /1625nm /1650nm	1310nm /1490nm /1550nm /1625nm	850nm/ 1300nm	850nm /1300nm /1310nm /1550nm		
Dynamic Range	32/30	35/33	38/36	42/40	45/43	32/30/30	37/35/35	32/30/30	37/35/35	32/30/30	37/35/35	37/35/35	37/35/35/35	26/28	26/28/35/33	26/28/37/35	
Event Blind Zone	0.8		0.5m			0.8m	0.5m	0.8m	0.5m	0.8m	0.5m	0.5m	0.5m	1m			
ATT Blind zone	4		3.5m			4m	3.5m	4m	3.5m	4m	3.5m	3.5m	3.5m	6m			
Test Range	100m/500m/1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km/420km																
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us																
Ranging accuracy	± (0.75m+ Sample interval+Q0025% XTest distance)																
Loss accuracy	± 0.03dB																
Sample Points	≥256k																
Sample Resolution	0.015m~16m																
Reflection Accuracy	±2dB																
Loss Resolution	0.01dB																
Loss Threshold	0.01dB																
File Format	SOR Standard File Format																
Loss Analysis	4-point method /5-point method																
Laser Safety Level	Class II																
Refresh Rate	4Hz(Typ.)																
Data Storage	Internal storage: 2GB, 200,000curves; External storage: 64GB																
Connector	FC/UPC (Interchangeable SC ST)																
Data Interface	USB-A, Type-C port, RJ45 LAN 10/100Mbit/s																
OPM																	
Wavelength range	800nm~1700nm																
Connector	Universal FC/SC/ST																
Test scope	-50dBm~+26dBm/-70dBm~+6dBm																
Uncertainty	±5%																
Calibration wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm																
LS																	
Laser Type	FP-LD																
Wavelength	Consistent with OTDR output wavelength																
Output power	>-5dBm(SM fiber)																
Mode	CW/270Hz/1kHz/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/UPC (Interchangeable SC、ST)																
The Optical Loss Test index refers to the above light source and optical power meter index.																	
Others																	
Display	7 inch color LCD + touch screen Resolution: 800x480																
Power supply	Type-C adapter: Input: 100V~240V , 50/60Hz ,Output: 5V/3A,9V/2A,12V/1.5A Lithium battery : 3.7V,10400mAh																
working temperature	-10°C~+50°C																
Storage temperature	-40°C ~+70°C																
relative humidity	0~95%, Non Condensing																
Weight	W 1.2kg																
Size	215mm x 160mm x50mm																
Functions of Host: OTDR/VFL/LS/OPM/Event Map/End Detection/Optical Loss Test/Ethernet test/Remote test/File management																	