NEW!

FHO3100 Series OTDR

- 6.2-inch capacitive touch screen
- Event deadzone/attenuation deadzone: 1m/4m
- Support VFL, OPM, OLS, RJ45(RJ45 sequence, length and tracking) and FLM function
- 5000mAh lithium battery
- Support Bluetooth, and mobile phone app

Items	Specifications
Pulse Width	SM: 3ns, 5ns, 10ns, 30ns, 50ns, 100ns, 275ns, 500ns, 1us, 2us, 5us, 10us, 20us
	MM: 3ns, 5ns, 10ns, 30ns, 50ns, 100ns, 275ns, 500ns, 1us
Distance Range	SM: 100m~240km
	MM: 500m~40km
Sampling Resolution	Minimum 10cm
Sampling Points	Maximum 128,000 points
Linearity	≤0.03dB/dB
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
IOR Setting	1.0000~2.0000, 0.0001 step
Distance Accuracy	±(0.75m+test distance×3×10^{-5}+sampling resolution) (excluding IOR uncertainty)

Items	Specifications
Visual Fault Locator	
Working Wavelength	650nm±20nm
Output Power	10mw
Launching Mode	CW/1Hz/2Hz
Connector	Universal 2.5mm
Optical Power Meter	
Wavelength Range	800~1700nm
Calibrated Wavelength	850/1300/1310/1490/1550/1625/1650nm
Test Range	-40~+26dBm; (-60~+6dBm is optional)
Accuracy	±0.5dB
Resolution	0.01dB

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10G PON Selective Optical Power Meter(Optional)	
Calibrated Wavelength	850/1300/1310/1490/1550/1577/1625/1650nm
10G PON Optical Power Meter	1490nm/1577nm Separate measurements and display on the same screen
Test Range	-40~+10dBm
Accuracy	±0.5dB
Resolution	0.01dB
Optical Laser Source	
Working Wavelength	Consistent with OTDR
Output Power	＞-12dBm
Output Mode	CW/270Hz/1kHz/2kHz
RJ45 Cable Test	
RJ45 Sequence	Support, TIA568A/568B standard
RJ45 Length	Support
RJ45 Tracking	Optional
Others	
Interface	2×RJ45 port, 1xUSB Type C
Optical Port	OTDR: FC/UPC or SC/UPC
	OPM: 2.5mm universal port
	VFL: 2.5mm universal port
Wireless	Bluetooth and phone app
Display	6.2-inch Capacitive touch screen
Battery	5000mAh lithium battery
Data Storage	>2000 sor files
Temperature	Working Temp: -10℃~+50℃; Storage Temp: -20℃~+70℃
Humidity	≤95% (No-condensation)
Dimension	195×137×42mm
Weight	0.9kg (with battery)

Model	Wavelength	Dynamic Range	Dead-zone
FHO3100-D24	1310/1550nm±20nm	24/22dB	1/4m
FHO3100-D28		28/26dB	1/4m
FHO3100-D32		32/30dB	1/4m
FHO3100-T24F	1310/1550/1625nm±20nm	24/22/22dB	1/4m
FHO3100-T28F		28/26/26dB	1/4m
FHO3100-T32F		32/30/30dB	1/4m
FHO3100-M21	850/1300nm±20nm	19/21dB	1.2m/10m

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