Mini1000 Series Smart OTDR

DESCRIPTION:

MINI1000 Smart OTDR is the latest OTDR of Grandway. Although it is a handheld OTDR, it can measure the length of optical fiber over 60km. Smaller size and more sensitive touch screen for testing, just like operating a mobile phone.4 inch color high definition display screen, visible even in strong sunlight.

FEATURES:

- 4 inch color LCD, portable design and easy to carry.
- Multi functions 10mw VFL, stable laser source, optical power meter, Fiber link map and electric torch
- Support Multi-point touch operation like Mobile phone
- 22dB dynamic range support over 60km optical fiber measurement.
- 1650nm online testing module is available
- Fast real-time test response and trace refresh speed

Models:

Model		Wavelength	Dynamic Range	Dead-zone
Basic	M1000-D22	1310/1550nm	22/20dB	3m/10m
	M1000-SA20F	1650nm	20dB	
Pro	M1000Pro-D22	1310/1550nm	22/20dB	1/4m
	M1000Pro-SA20F	1650nm	20dB	
	M1000Pro-T22F	1310/1550/1650nm	22/20/20dB	

Specifications:

Model	M1000 Series
Test Range	500m~120km
Pulse Width	3ns~10us
Test Time	5s~180s
Test Mode	Auto, Manual, Real-time
Sampling Point	30000
Distance Accuracy	±(1m+Test distance×3×10^{-5}+Sampling resolution) (excluding IOR uncertainty)
VFL	Working wavelength: 650±10nm ; Output power: 10mW, CW/1Hz/2Hz
Stable OLS	Working wavelength: Consistent with OTDR Output power: >-12dBm, CW/270Hz/1kHz/2kHz
Normal OPM (Standard)	Calibrated wavelength: 850/1300/1310/1490/1550/1625/1650nm Test range: -40~+10dBm
Selective OPM (Optional)	Support 1490nm and 1577nm selective power testing separately Calibrated wavelength: 850/1300/1310/1490/1550/1577/1625/1650nm
Optical Interface	OTDR/OLS: Fixed SC/UPC (APC is available) VFL/OPM: 2.5mm universal port
Electrical Interface	USB Type-C charging port and data port
Display	4inch color touch screen
Data Storage	120M storage card
Battery	4000mAh lithium battery
Working Environment	-10℃~+50℃; 0~85%(non condensing)
Dimension/Weight	85x148x37mm/275g