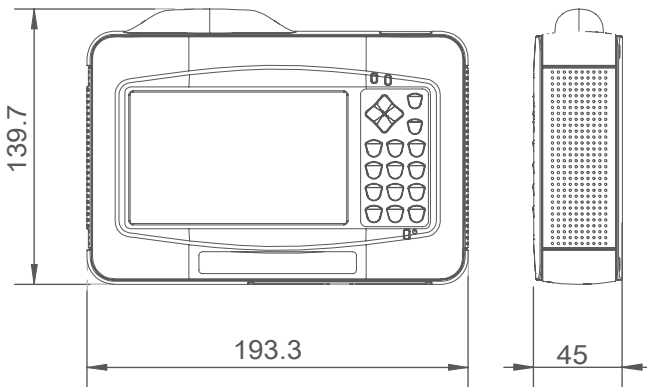## FHO3000L Mini Series OTDR

- 12 in 1, smart mini multifunction OTDR
- 5 inch color touch screen
- Automatic OTDR: one click test without complex settings
- Expert OTDR: professional measurement, curve, list and map are displayed at the same time
- FLM(fiber link map), more intuitive and intelligent optical fiber link test

Items	Specifications
Dynamic Range	26/24dB
Fiber Type	SMF
Wavelength	1310nm±20nm/1550nm±20nm
Event Dead-zone	2.5m
Attenuation Dead-zone	8m
Distance Range	500m/1km/2km/4km/8km/16km/32km/64km/100km
Pulse Width	3ns~20us
Distance Accuracy	$\pm(1m+\text{Test distance}\times5\times10^{-5}+\text{Sampling resolution})$ (excluding IOR uncertainty)
Linearity	±0.5dB/dB
Sampling Points	16k~128k
Sampling Resolution	0.05m~8m
Loss Resolution	0.001dB
Distance Resolution	0.001m
Loss Threshold	0.20dB
IOR Setting	1.00000~2.00000

Items	Specifications
Reflectance Accuracy	±3dB
File Format	SOR standard file format
Loss Test Mode	4-point/5-point method
Laser Safety Level	Class II
Optical Port	FC/UPC (SC, ST, APC polishing is optional)
Refresh Rate	3Hz(Typ.)
OPM	
Working Wavelength	800nm~1700nm
Calibrated Wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm
Test Range	-70~+10dBm/-50~+26dBm
Resolution	0.01dB
Accuracy	±5%
Frequency Identification	CW/270/330/1k/2kHz (Use inner LS)
Optical Port	Universal FC/SC/ST
Wavelength Recognition	Support
VFL	
Working Wavelength	650nm±20nm
Output Power	≥10mw
Working Mode	CW/1Hz/2Hz
Optical Port	FC/UPC (Interchangeable SC/ST)
Laser Safety Level	Class III
OLS	
Working Wavelength	1310nm/1550nm
Laser Type	FP-LD
Output Power	≥ -5dBm
Working Mode	CW/270Hz/330Hz/1kHz/2kHz
Stability	CW, ±0.5dB/15 min(after 15min of preheating)
Optical Port	FC/UPC (Interchangeable SC/ST)
Optical Loss Test	
Working Wavelength	Consistent with LS
IL Test	Support
RJ45 Cable Finder	
Working Mode	Digital tracking
Distance	≥300m
Online/Line Pair Tracking	Support

Items	Specifications
RJ45 Cable Length	
Test Distance	≥300m
Others	
Display	5 inches color touch screen
Data Storage	8GB TF card
Data Interface	USB type C
Working Temp	-10℃~+55℃
Storage Temp	-40℃~+70℃
Humidity	0~95% (No condensation)
Dimension	195L×141W×44Hmm
Weight	0.9kg

Notes

1: Please consult us for more customized models.

2: Dynamic range is measured with 20us pulse width, averaging time is 180s, SNR=1.

3: Event dead-zone is measured with 3ns pulse width.

4: Attenuation dead-zone is measured with 5ns pulse width.