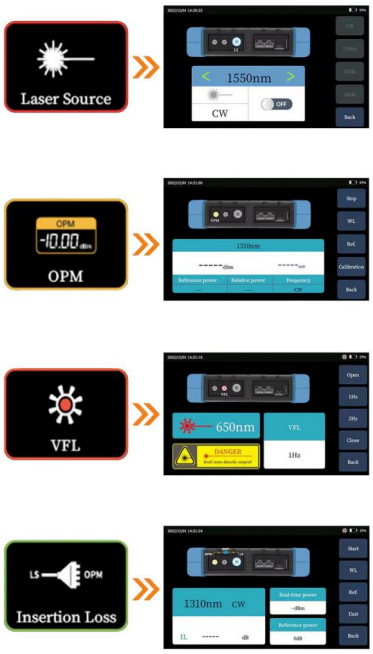
Renotronics

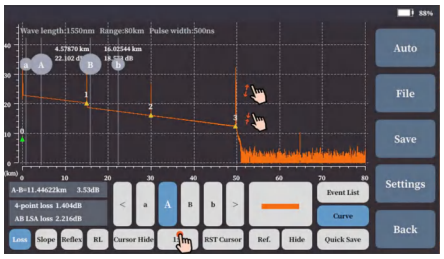
RT-67

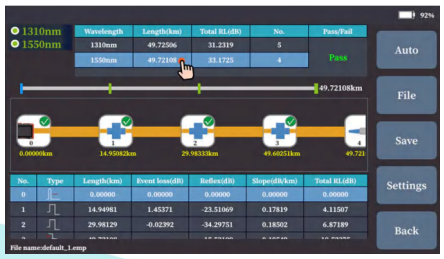
Multifunction OTDR

9 in 1: OTDR I Event Map I OPM I VFL I OLS I Loss Test Fiber Inspector I Ethernet Test I Remote Control









Features

- Multifunction PON OTDR
- 7 inch Touch Screen
- Event Map & Curve
- Support 1:64 splitter
- Ping Test/PPPoE Test/IP Scan/
- RJ45 sequence/length/Link Speed (optional)

Renotronics

RT-67 Multifunction PON OTDR

SPECIFICATION

Model	R1	R2	R3	R4	R5	R6	R7	R8
Wavelength	1310nm±20nm 1550nm±20nm	1625nm±20nm (Filtered)	1650nm±5nm (Filtered)	1310nm/1550nm±20nm 1625nm±20nm(Filtered)			1310nm/1550nm±20nm 1650nm±5nm(Filtered)	850nm/1300nm /1310m/1550m ±20nm
Filter	/	High Pass >1595nm Isolation>40dB (1270nm~1585nm)	Bandpass 1650nm±7nm Isolation>40dB (1650nm±7nm)	High Pass >1595nm, Isolation>40dB (1270nm~1585nm)			Bandpass 1650nm±7nm, Isolation>40dB (1650nm±7nm)	/
Fiber type	G.652							
Max Dynamic Range ①	37/35dB	38dB	38dB	38/36/36dB	40/38/38dB	42/40/40dB	38/36/36dB	26/28/37/35dB
Event Blind Zone ②	0.5m							
ATT Blind zone	3.5m							
PON Blind zone	30m							
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							
Range Accuracy	± (0.75m+ Sample interval +0.0025% ×Test distance)							
Loss Resolution	±0.001dB							
Loss Accuracy	±0.03dB/dB							
Sample Points	⩾ 256k							
Sample Resolution	0.015m~16m							
Reflection Accuracy	±2dB							
File Format	SOR Standard File Format							
Loss Measurement Mode	4-point method /5-point method							
Laser Safety Level	Class II							
Refresh Rate	3Hz (Typ.)							
Data Storage	Internal storage：2GB（200000 curves）；External storage：64GB							
Connector	FC/UPC（Interchangeable SC、ST）							
Data Interface	USB-A、Type-C、RJ45 LAN 10M/100M bit/s							

OPM	
Wavelength range	800nm~1700nm
Connector	Universal joint FC/SC/ST
Test Scope	-50dBm ～ +26dBm/-70dBm ～ +6dBm
Uncertainty	±5%
Calibration Wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm

OLS	
Laser Type	FP-LD
Wavelength	Consistent with OTDR output wavelength
Output Power	⩾ -5dBm
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）

Others	
Display	7 inch touch screen, 800×480
Power Supply	AC/DC Adapter：Input：100V ～ 240V，50/60Hz
Output：5V/3A, 9V/2A, 12V/1.5A	CW/1Hz/2Hz
Li-Battery：3.7V，10400mAh	FC/UPC（Interchangeable SC、ST）
Working Temperature	-10°C～ +50°C
Storage Temperature	-40°C～ +70°C
Relative Humidity	0 ～ 95%，Non Condensing
Weight	⩽ 1.2kg
Size	215mm×160mm×50mm