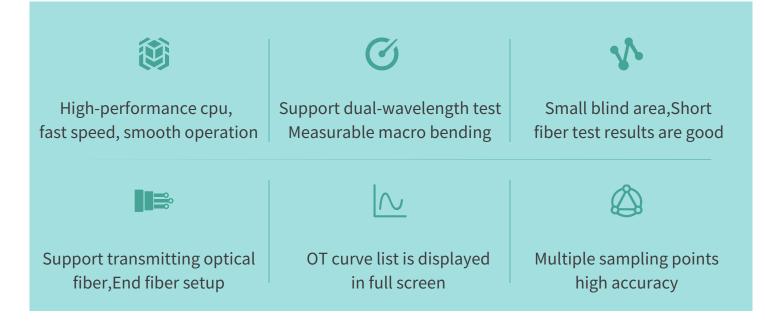




Optical Time Domain Reflectometer

Optical Time Domain Reflectometer

This series of OTDR is a multi-functional optical measuring instrument, which integrates OTDR, event map, optical power meter, visual fault location,light source, optical loss test, cable line length / sequence test, cable tracking and other functions. It has touch screen and heys. It is the right assistant for optical cable construction, installation and maintenance, project acceptance and on-site repair.



OTDR



Transmitting fiber, End fiber

Dual wavelength test

Short fiber test

Technical Specifications

OTDR			
Model	Mercury R.26	Mercury R.30	
Wavelength (±20nm)	1310/1550	1310/1550	
Dynamic Range	26/24dB	30/28dB	
Event Blind Zone	1.5m	1.5m	
ATT Blind Zone	8m	8m	
Distance range	0.1/0.3/0.5/1.25/2.5/5/10/20/40/80/125/260km		
Distance unit	km, mi, kft		
Pulse Width	5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/ 1us/2us/3us/5us/8us/10us/20us		
Ranging Accuracy	\pm (0.75m+Sample interval+0.0025%×Test distance)		
Loss Threshold	0.001dB		
Linearity	±0.03dB/dB		
Sample Points	≥160k		
Sample Resolution	0.015m~16m		
File Format	SOR Standard File Format		
Loss Analysis	4-point method /5-point method		
Laser Safety Level	Class II		
Connector	FC/UPC ((InterchangeableSC、ST、LC)		
LS			
Wavelength	Consistent with OTDR		
Power [®]	≥-5dBm		
Mode	CW/270Hz/1kHz/2kHz		
Laser level	CLASS 1M		
Optical output port	OTDR port		
RJ45 Cable	e Tracke	er	
Distance	300m		
RJ45 Cable	e Lengtl	ı	
Distance	300m		

VFL			
Wavelength	650±20		
Output Power	≥10mW		
Mode	CW/1Hz/2Hz		
Laser Safety Level	Class 3R		
Connector	Universal optical interface (2.5mm)		
OPM			
Calibration Wave	850/980/1300/1310/1490/1550/1625/1650nm		
Test Range	-50dBm~+26dBm		
Uncertainty	±5%		
LED flashli	ght		
Others			
Display	TFT LCD WVGA(Multi touch capacitive touch screen) resolving power:800*480pixel		
Data Interface	Type-C、RJ45×2 LAN 10M/100M bit/s		
Data Storage	Storage:8GB (≥20000curves) File Format:SOR		
Size	173×109×45mm		
Weight	≪0.5kg		
environment condition	Working Temperature:-10°C~+50°C		
	Storage Temperature:-40°C~+70°C		
	Relative Humidity:0~95%Non Condensing		
	Altitude:4000m or less		
Power requirements	DC USB power supply (Type-C) 5V±10%, maximum2A		
Battery type capacity	Type: polymer lithium-ion battery, 5000mAh		
	Charging time: 4 hours (typical value)		
safety standards	EN61010-1		
Laser safety	IEC/EN 60825-1:2007 GB7247.1-2012		
EMC	Radiation standard:EN61326-1 Class A		
	Immunity:EN61326-1 Table2		
language	Customizable in English and other languages		

Notes: ①Except for special wavelengths such as 850/1300nm。

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