

Smart OTDR

YL1315



YURI

Multi-function Tester

OTDR / OPM / OLS / VFL



OTDR:0-60km

VFL:10mw

OPM:-70~+10dbm
or -50~+26dbm

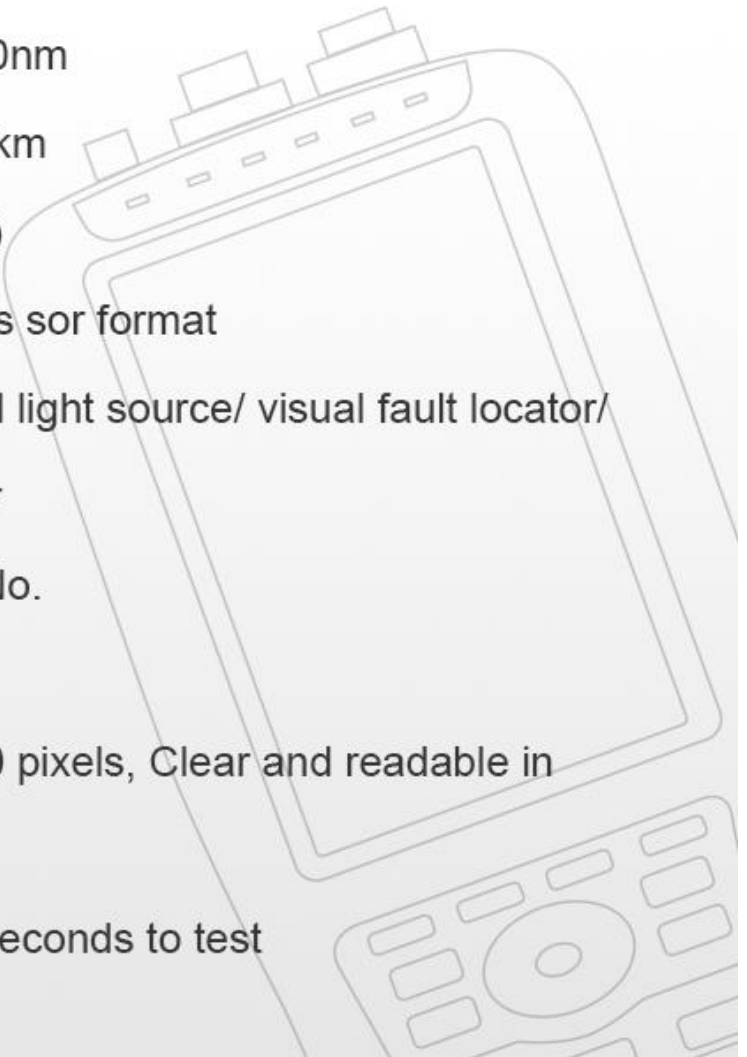
OLS:1310/1550nm



Product Features



- ◇ Two wavelength: 1310/1550nm
- ◇ Measurement distance: 60km
- ◇ Touching screen (Optional)
- ◇ Test record can be saved as sor format
- ◇ Optical power meter/ optical light source/ visual fault locator/
OTDR- -Multi-function tester
- ◇ Editable file name and lineNo.
- ◇ Support upgrade
- ◇ 4 inch ISP Display, 800*480 pixels, Clear and readable in
outdoor sunlight
- ◇ Quick boot, it takes only 2 seconds to test

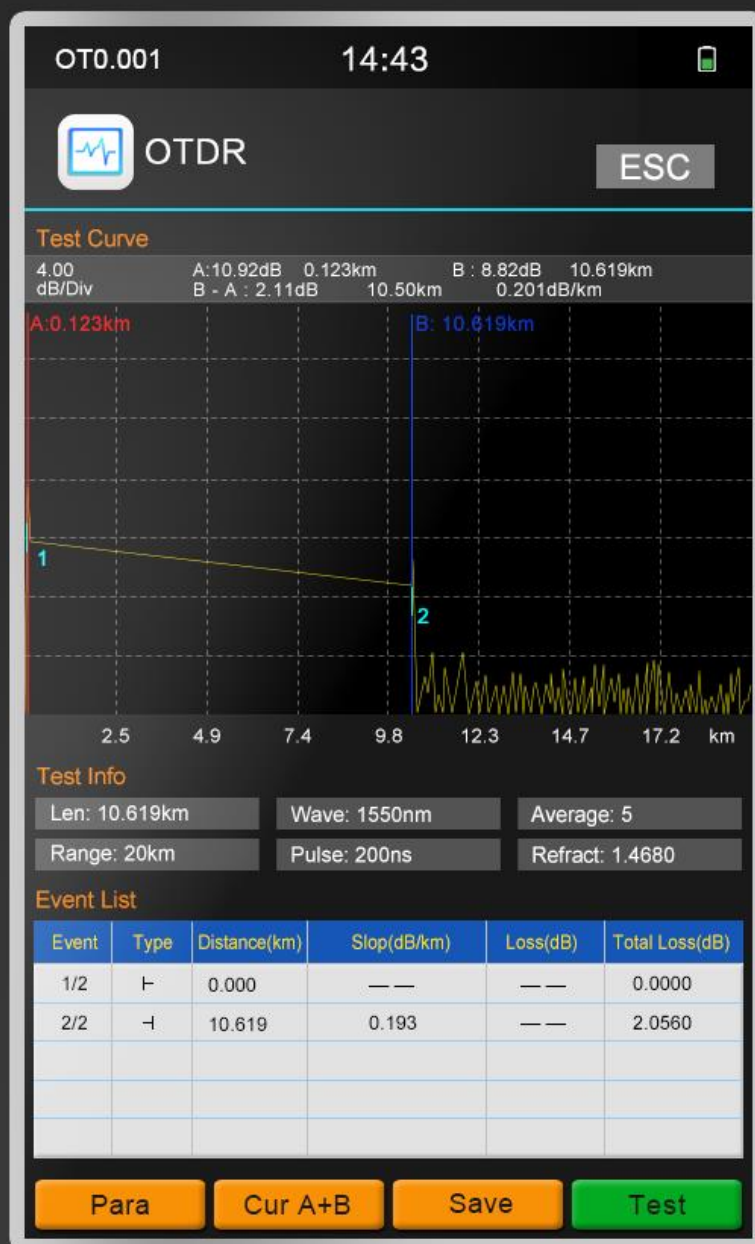


Type of Connectors: FC/PC/; SC/PC
FC/APC; SC/APC Optional



4 inch IPS Display

Clear and readable in outdoor sunlight

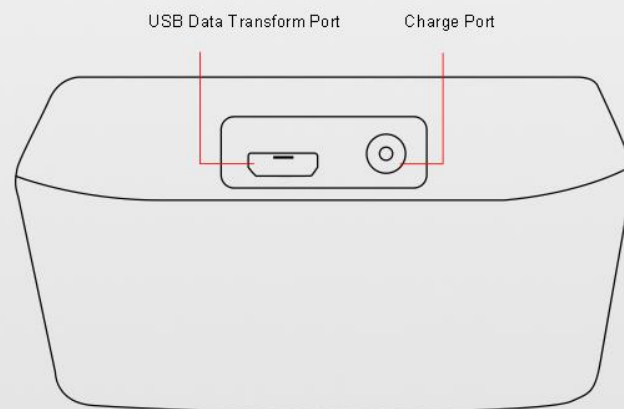
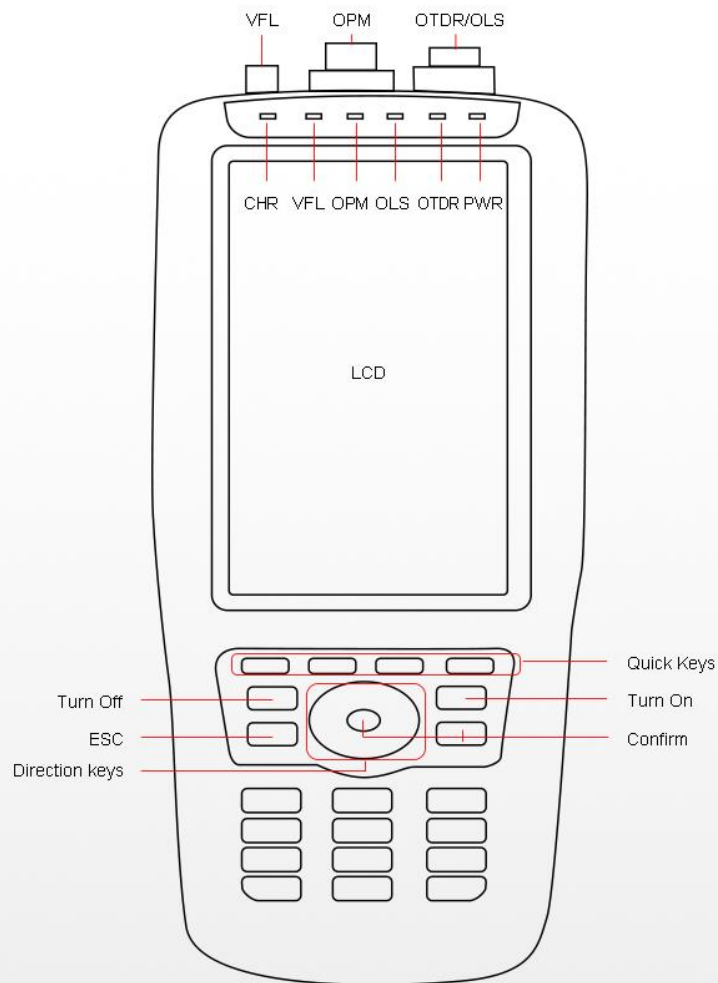


7.4V/4400mAh
Lithium battery



OTDR Functions

Front Panel & Bottom Interface



Specifications



OTDR	
Type	TM290s
Wavelength	1310/1550nm
Dynamic Range	22/20dB
Measure distances	0-60km
Fiber type	SM
Type of Fiber	9/125um Single-mode optical fiber
Type of Connectors	FC/PC/; SC/PC
Peak Value of laser	$\geq 30\text{mW}$
UOM of Measurement	Meter,Feet,Mile
Dead Zone of Reflection Event	2m
Dead Zone of attenuation Event	12m
Accuracy Distance (Reflection Event)	About $\pm (1\text{m} + 2 \times 10^{-4}) \times \text{distance}$
Number of test records saved	100
Power Supply	8.4V Li-ion Battery 4400mAH
Battery working time	$\geq 5,000$ times of measurements
Temperature	Operate $-5 \sim 50$,Store: $-10 \sim 60$
Humidity	0~85%(Non-condensing)
Weight(g)	300

Optical Power Meter

Measurement range dBm	-70~+10 dBm;-50~+26 dBm
Wavelength range (nm)	800~1650
Calibrated wavelength	850nm、1300nm、1310nm、1490nm、1550nm、1625nm (other wavelength will be on request)
Detector	InGaAs
Accuracy	<±3% (-10dBm、22℃)
Resolution	Linearity: 0.1%, Non-linearity: 0.01dBm
connector	Movable FC/PC SC/PC, (ST as Optional)

Visual Fault Locator

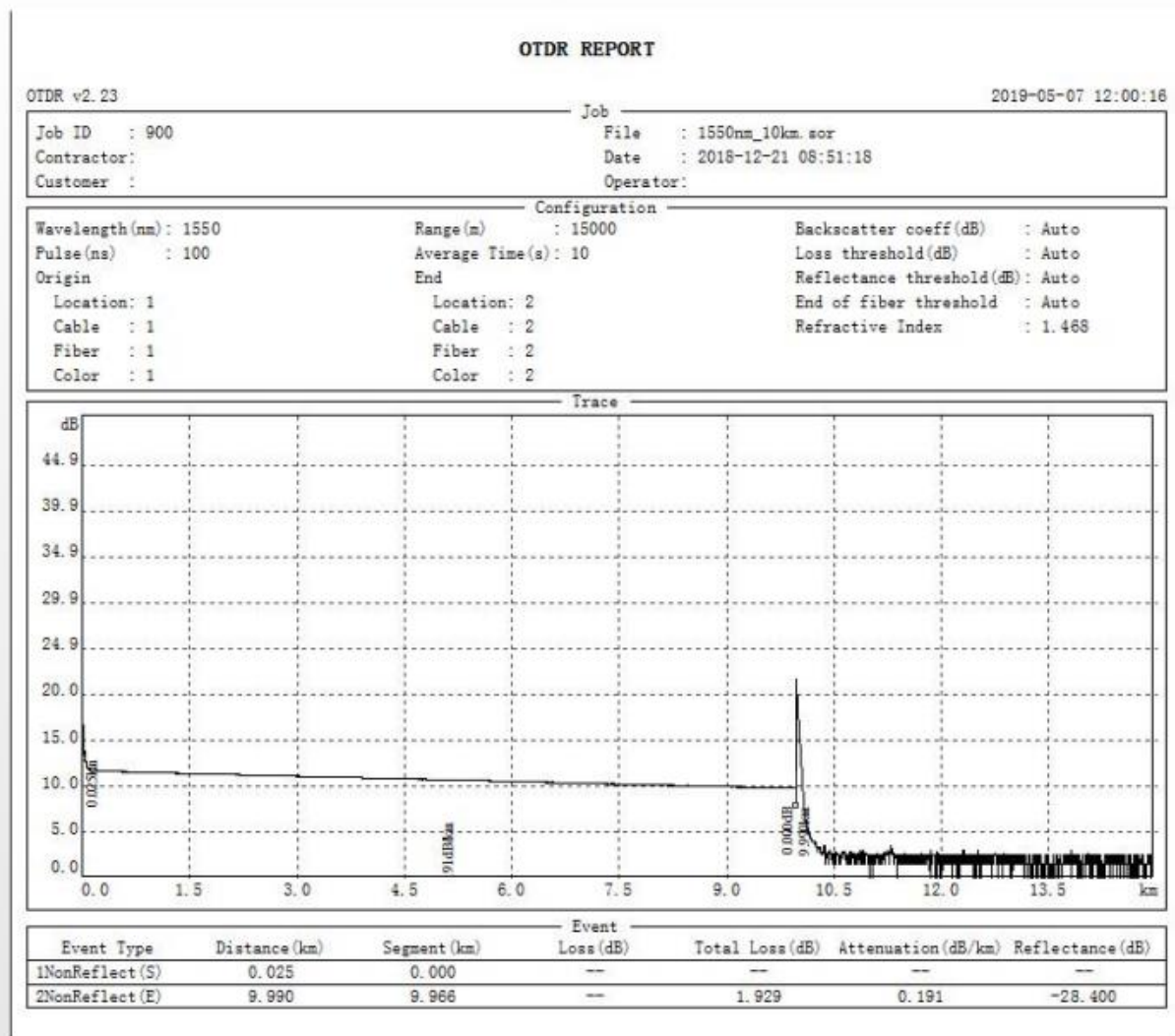
Wavelength	650nm
VFL Output Power	≥10mW
Mode	0Hz, 1Hz, 2Hz
Fiber type	SM/MM

Optical Light Source

Emitter	FP-LD
Wavelength (nm)	1310/1550nm
Connector	FC/PC (SC/ST as optional)
Output power	≥-5dBm
Output stability(dBm)	±0.04@20℃@15min
Modulation	CW/270Hz/1KHz/2KHz
Fiber type	SM

Print Test Report

The test report contains the information such as test conditions, test curves, link loss, average loss, event list, etc., and the test reports can be batch printed after confirmation.



Faults and Solutions



Fault	Reasons	Solutions
Can't turn on	Low power	Charge the battery and observe the charger indicator. If CHR LED is red continue charging. Otherwise, contact the supplier.
Can't be charged properly	The use environment does not meet the charging conditions	Charge the device in an environment of 0 ° C ~ 50 ° C
	Battery problem, or internal circuit problem	Contact the supplier to replace the battery
Unable to measure normal curve	Parameter settings are incorrect	Reset the correct test parameters
	The end of the fiber is contaminated	Clean the end face of fiber
	Connector of device is damaged	Change the connector

Product List



NO	Name	Qty
Standard accessories		
1	OTDR with FC/UPC connector	1
2	AC/DC Charger	1
3	CD (software and user manual)	1
4	User manual	1
5	Test Report	1
6	Softcase	1
Optional Accessories		
1	SC /ST connector for OTDR Port	1
2	SC/ST Connector for OPM port	1

OTDR Soft case

Oxford cloth waterproof and durable











