

VT-42MP-CS

(OTDR with Multi functions for Common Core Services)



Product overview

VT-42MP-CS multi - functional OTDR adopts 5.6 inch color touch screen and double operation of keys and touch. It integrates of OTDR, Visual Fault Location, Event Map, Optical Power Meter, Light Source, multi - functions to help customers efficiently solve the field test and maintenance; Intelligent power management, 20 hours of super long standby, efficient guarantee of field test and maintenance. It is mainly used to measure the length, loss, connection quality and other parameters of all kinds of optical fiber and cable. It can be widely used in engineering construction, line maintenance test and emergency repair of communication system of optical fiber communication system, research and production measurement of first - class optical fiber cable .

Features

- 1m event blind area, easy to test 5m jumper
- One button automatic test
- Detection of online test, automatic alarm with light
- Standard SOR file output format
- Unique automatic diagnosis function of test results
- Multi wavelengths simultaneous test
- Batch processing of data and printing report forms
- Nomenclature in English
- Key + touch screen dual operation mode
- Ultra wide operating temperature, dustproof standard 5X.

Specifications

	OTDR
Fiber Type	G.652
Wavelength	1310nm +-20nm / 1550nm +- 20nm
Dynamic Range	32dB / 30dB
Event Blind Zone	1m
ATT Blind Zone	6m
Measuring distance	5m ~ 256km
Test Range	500m / 1km / 2km / 4km / 8km / 16km / 32km / 64km / 128km/256km
Pulse Width	5ns / 10ns / 30ns / 50ns / 80ns / 160 ns / 320ns / 500ns / 800ns / 1000ns / 3000ns / 5000ns / 8000ns / 10000ns / 20000ns
Ranging accuracy	+-(0.75m + Sample interval + 0.005 % X Test distance)
Loss accuracy	+ - 0.05dB / dB
Sampling Points	16k ~ 256k
Sampling resolution	0.05m ~ 16m
Reflection accuracy	+ - 3dB
File format	SOR Standard file format
Loss Analysis	4 - point method / 5 - point method
Laser Safety Level	Class II
Data Storage	Internal : <= 3000 curves ; External : 4G bit
Connector	FC / UPC (Interchangeable SC , ST)
Refresh Rate	3Hz (Typ .)
Data Interface	USB , Mini - USB , 10M / 100M Ethernet port
	OPM
Wavelength range	800nm ~ 1700nm
Connector	Universal FC / SC / ST
Test scope	-50dBm ~+ 26dBm
Uncertainty	+ - 5 %
Calibration wavelength	850nm / 980nm / 1300nm / 1310nm / 1490nm / 1550nm / 1625nm / 1650nm
	LS
Wavelength	Consistent with OTDR output wavelength
Output power	>= -5dBm
Stability	CW , £ 0.5dB / 15min (Test after 15 minutes of boot - up preheating)
Connector	FC / UPC (Interchangeable SC , ST)
	VFL
Wavelength	650nm +-20nm
Output Power	>= 10mW

Mode	CW / 1Hz / 2Hz
Connector	FC / SC / ST
	Others
Display	5.6 inch Color LCD + Touch Screen
Power Supply	AC / DC Adapter : Input : 100V ~ 240V , 50 / 60Hz , 0.6A Output : 12V ~ 19V , 1.5A , Li - Battery : 7.4V , 5320mAh
Battery working hours	>=10h
Operating Temperature	-10 ° C ~ + 50 ° C
Storage Temperature	-40 ° C ~ + 70 ° C
Relative Humidity	0 ~ 95 % Non Condensing
Weight	<= 1.2kg
Size	208mm X 110mm X 56mm

Packing

NO.	Name	Quantity	Remarks
1	Host	1	
2	AC/DC power adapter	1	
3	U disk(containing analysis software/instruction manual)	1	
4	Touch pen	1	
5	Data line	1	
6	OTDR SC adapter	1	
7	OPM SC adapter	1	
8	Instruction manual	1	
9	Calibration certification	1	
10	Certificate/ Warranty card	1	
11	Clean cotton piece	10	
12	Leather knob	1	
13	Special backpack for instrument	1	

Contact information:

HOHUI ELECTRONIC (HK) CO.,LIMITED

HongKong : FLAT/RM 1405 14/F Lucky Center 165 Wanchai Road, Wanchai, HK

China : Rm1419, Nan Guan Jie Jia, Shennan Road, Futian Distric, Shenzhen, GD, 518031

Tel: +86-755-82580636

Fax: +86-755-82789210

Website: www.hohuitech.com