



Multi- Function OTDR

OTDR/OPM/OLS/VFL/10LM/FIBER MICROSCOPE

Multi- wavelength:

1310/1550/1625/1650/1490/850/1300nm

Multi dynamic:

42/40/38/35/32/30/26db

Capacitive Touch screen



LARGE TOUCH SCREEN

Simple Use, Powerful Function



Introduction

CT-350 series Optical Time Domain Reflectometer(OTDR) is the new generation of intelligent meter for the detection of fiber communications systems. With the popularize of optical network construction in cities and country sides, the measurement of optical network became short and disperse,CT-350 is specially designed for that kind of application, its economic and also have outstanding performance.

Features

Integrated design ,smart and rugged.

Small and light ,easy to carry.

1625nm online detection module with filter is available as a option for a online FTT x /PON detection.

Multi-measuring mode, simple to use, finish measurement by just one button.

Realtime measuring function, convenient to monitor the splicing process.

Internal large power visual laser source for accurate positioning the closer fault point.

Internal -5 dBm stable laser source.

Warning function could prevent module of OTDR damaged by optical signal.

Integrated with 2 main USB and one sub USB port, for controlling by PC or connect external instrument.

Support Chinese and English Input, Friendly Interface ,analog keyboard capable.

Integrated with 8G internal memory. Storage more than 80000 groups curve.

Provide data simulation software to process, generate and print report.

Battery indicate function.

Long working hours for outdoor operation

Fiber Microscope (x400) --Optional

IOLM Function

Visual Fault Locator function

Optical Power meter function

Optical Light Source function

Mutiwavelengths: 1310/1550nm; 850/1300nm; 1310/1550/850/1300nm;
1310/1550/1625nm; 1310/1490/1550nm; 1310/1490/1625nm, 1650nm etc.

CT- 350 series OTDR, we can make 26/24dB~42/40dB, and we can make two wavelengths; three wavelengths; four wavelengths according to customers' request.

Specification:

Type	CT- 350-SM35
Testing wavelength	1310/1550/850/1300nm
Dynamic range Event Dead	35/33/20/26B
Zone Attenuation	1m
Dead Zone	5m
Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs 500m,
Testing Distance	2km, 5km, 10km, 20km, 40km, 80km, 120km, 160km
Measurement Time	Use-defined (smart link) ; with real-time measurement function
Linearity Loss	≤0.05dB/dB
Threshold Loss	0.01dB
Resolution Distance	0.001dB
Resolution Sampling	0.01m
Point Distance	Maximum 128,000 points
Accuracy Internal visual	±(1m+measuring distance×3×10 ⁻⁵ +sampling resolution)
Internal visual source	10mw, CW/2Hz
Stable laser source	>-5dBm
Data Storag	80000 groups of curve
interface Display	3 USB port
	7 inch capacitive touching screen
Battery	7.4V/6.6Ah lithium battery, continuous 8-10 hours

Working Temp	-10℃~+50℃
Storage Temp	-20℃~+75℃
Relative Humidity	≤90%, non-den
Dimension	230×185×70mm / 1.5kg
Accessories	Main unit, 8.4V power adapter, Lithium battery, FC adapter, USB cord, User guide, CD disk, carrying case
Option	SC/ST, Bare fiber adapter

Optional Functions:

Optical Power Meter: 850/1300/1310/1490/1550/1625nm; -70~+10db or
-50~+26db

Optical Light Source: 1310/1550nm

Applications:

Measure the loss of splicing points, optical connectors and adapters.

Measure the loss of single fiber or cable.

Measure the length of cable ,set different refractive index for various fibers.

Locate the position of broken point, Optical connector and adapter.

Measure the discrete reflection ratio between SR points.

Measure return loss for whole fiber circuit including connecting points and s points.

Ordering Information:

Type	Testing wavelength	Dynamic range
CT-350-S-A32	1310/1550	32/30
CT-350-S-A35	1310/1550	35/33
CT-350-S-A37	1310/1550	37/35
CT-350-S-A40	1310/1550	40/38
CT-350-S-A42	1310/1550	42/40
CT-350-S--B33	1625	33
CT-350-S-C26	1650	26
CT-350-S-C33	1650	33
CT-350-S-D35	1490	35
CT-350-S-AB35	1310/1550/1625	35/33/33
CT-350-S-AB38	1310/1550/1625	38/35/36
CT-350-S-AB43	1310/1550/1625	43/41/41
CT-350-S-AC35	1310/1550/1650	35/33/32
CT-350-S--AD38	1310/1490/1550	38/35/36
CT-350-M26	850/1300	20/26
CT-350-SM32	1310/1550/850/1300	32/30/20/26
CT-350-SM35	1310/1550/850/1300	35/33/20/26
TMO350-SM42	1310/1550/850/1300	42/40/20/26

Products pictures:





PRODUCT LIST



NO	Name	Qty
1	OTDR	1
2	AC/DC Charger	1
3	USB data cable	1
4	FC adaptor	1
5	SC adaptor	1
6	ST adaptor	1
7	User manual	1
8	U-Disk (CD)	1
9	Calibration certificate	1
10	Cleaning cotton swab	1