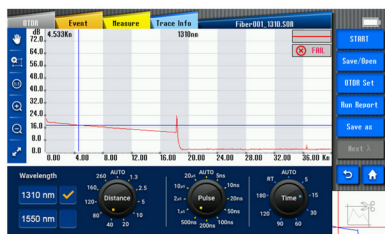# FORC MINI2

3 YEAR WARRANTY

Optical Time Domain Relectometer
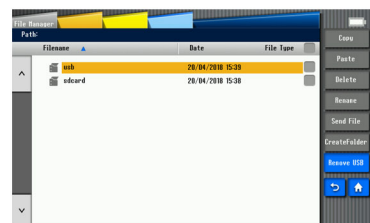
FORC Fiber

OTDR

OTDR mode allows for measuring distance, loss, reflectivity, attenuation and accumulation loss on a fiber optical link.
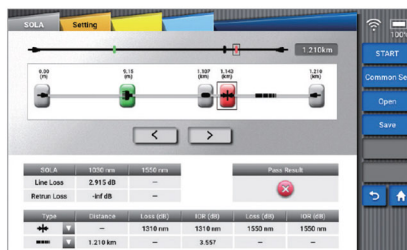
VFL

VFL allows for finding direct fault locations in fiber test dead zones or performing fiber core calibration in multi-fiber cables.

FILE MANAGER

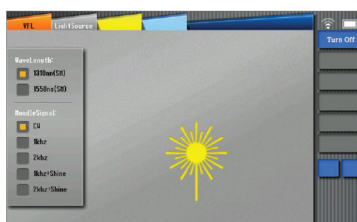File Manger can provide powerful file management that users can manage files conveniently.

SOLA

SOLA is an application for the OTDR, designed to simplify OTDR test process without the need to configure the parame-ters or analysis while parsing multiple complex OTDR curves.

FIBER MICROSCOPE

Fiber end tester (peripheral required) is mainly used to test the cleanliness and flatness of the fiber end face.

LIGHT SOURCE

Invisible light source (1310 or 1550ns) can provide the following types of light, including CW light, 1kHz light, 2kHz light, 1kHz blink light, 2kHz blink light.

Measure Fiber Optical Link

Simplify the Test Process

5" Touch Screen with
Smart GUI
High Brightness
Resolution of 800x480

Identify Fiber
Fault Location

Fast Booting Time

Magnify the
Fiber End Face

touch

Description

The MINI2 compact hand-held OTDR is used in the testing, installation and maintenance of fiber optic networks. Features of the MINI2 OTDR include, high precision test capabilities, fast response times, and easy to learn operation. The multipoint capacitive touch screen allows for user friendly operation. The MINI2 OTDR offers accurate and fast test results. The MINI 2 Creates a report automatically in .SOR, BMP, JEEG, GDM, SOLA and PDF file formats

Specifications

Model	MINI 2
Display	5 Inches, High Brightness TFT LCD, Resolution of 800 x 480
Distance unit	m / km / mile / ft
Dynamic range	32dB / 30 dB (1310/1550nm)
Range settings (km)	1.3, 2.5, 5, 10, 20, 40, 80, 120, 160, 260km
Range settings (mile)	0.81, 1.55, 3.11, 6.22, 12.4, 24.8, 49.6, 74.6, 99.14, 161.5 mile
Pulse width	05ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1us, 2us, 10us, 20us
Dead zone (Event/Attn./PON)	1m / 5m / 50m
Distance accuracy	$\pm(1m + Distance \times 2.5 \times 10\text{-}5 + Sampling\ resolution)$
Linearity	0.03dB
Sampling points	110,000 points
Refractive index	1.000000 - 2.000000 (step: 0.000001)
Splitting ratio Resolution	Up to 1:32 splitter
Loss readout resolution	0.04m ~ 10.24m
Battery capacity	0.001dB
File format	Operating Time : Up to 12hours SOR,BMP,JPG,GDM,SOLA,PDF
External connection	USB 2.0
Compatible connector	APC(FC, SC, LC), UPC(FC, SC, LC, ST)
Power supply	AC Input 100-240V, 50-60Hz / DC Input 19V, 3.42A
VFL port	2.5mm ferrule type
VFL wavelength	650nm ±10nm
VFL distance	Up to 15km
VFL output power	20mW
Light source	Operating wavelength: 1310nm / 1550nm ±10nm
Light source output power	-5dBm

Ordering Information

XXX - XXX - XXX - XXX - XXX - XXX - XXX

Model
OTDR: MINI2

Optical Configuration
SMF1: 1310/1550nm

Basic Software
OTDR: OTDR Application Only
OS: OTDR & SOLA Application

Fiber Connector
CNT1: FC/APC   CNT4: FC/UPC   CNT7: SC/UPC
CNT2: SC/APC   CNT5: SC/UPC
CNT3: LC/APC   CNT6: LC/UPC

Light Source
LS0: Without VFL & Light Source
LS1: With VFL
LS2: With Light Source
LS3: With VFL & Light Source

Microscope
MS0: Without Microscope
MS1: With Microscope - V20

Hard Case
HC0: Without Hard Case
HC1: With Hard Case

Weight and Dimensions

115mm

173mm

64mm

Weight 1.98 Lbs

Kit Contents

OTDR	MINI2
Power Cable/AC Adapter	ACC-25 / JS-180300
Carrying Case - OTDR	Soft Case
Transit Case	Hard Case
Shoulder Strap	√
Touch Pen	√
Calibration Certificate	√

Contact

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FORC Fiber

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