Orientek TQL-40 Optical Loss Test Set:

Includes T303 Handheld Mini OTDR 1310/1550nm 30/28dB

& SM 500M Launch Cable box

Standard Package:

Item	Name	Qty
1	Orientek Black Fashion Carrying Bag	1
2	Orientek SM 500M OTDR Launch Cable Box	1
3	Orientek T303 OTDR	1

1. Orientek T303 Handheld Mini SM OTDR Machine, 1310/1550nm, 30/28dB

* Color Display with Touch Screen *

* Come with FC Adaptors *

* Test Results Analysis softeware *

Specially designed for FTTX Application:

FTTx application installation and maintenance, fiber R&D and producing testing.

1. to test the length, fiber loss connector loss and other physical characteristics of fiber.

2. to locate events on fiber cables precisely.

Feature:

Rugged design, light weight and easy operation

Applicable fiber: SM

<8m extra-short event dead zone

Wavelength: **1310/1550nm**

Up to **30/28dB** High Dynamic Range

Memory capacity **>800 traces**

Built-in friendly-environment **lithium battery** with high capacity for **over 8 hours** of operating life

Display:**3.5 inch color TFT-LCD** (touch screen

Specifications:

Model	T303 SM OTDR
Wavelength(nm)	1310/1550
Dynamic range(dB)	30/28
Pulse width (ns)	5,20,40,80,160,320,640,1280,2560,5120,10240,20480
Display	3.5 inch TFT LCD touch screen
Event blind zone (m)	8
Attenuation blind zone (m)	10

Linearity (dB/dB)	±0.05 dB/ dB
Loss threshold (dB)	0.05
Loss resolution ratio (dB)	0.01
Sampling resolution ratio (m)	0.125 to 8
Sampling point	32k
Distance uncertainty (m)	$\pm(1\ m + 5\times10^{-5}\times distance + sampling\ interval)$
Distance scope (km)	0.3 to180
Memory capacity of trace	SD Card (4G), > 10000 pieces
Duration of measurement	Defined by user; 5sec, 10sec, 15sec, 30sec, 1min, 2min, and 3min are selectable
Optical interface	FC/UPC+SC/UPC+LC/UPC
Data interface	USB interface, SD card interface
Visual Fault Locator	Available
Power supply	Lithium battery; continuing working duration ≥ 8 hours
Warranty period	12 months

Standard Package:

Carrying Case

OTDR with Battery Pack

SD Card

FC/UPC connector

AC / DC Adaptor

Trace Manage Software (CD)

2. OTDR Dead Zone Eliminator 500m SM Launch Cable Box

Description:

Designed to aid in the testing of fiber optic cable when using an OTDR.

The OTDR Launch Fiber box is used with Optical Time Domain Reflectometers (OTDR's) to help minimize the effects of the OTDR's launch pulse on measurement uncertainty.

Connector SC/UPC - SC/UPC