

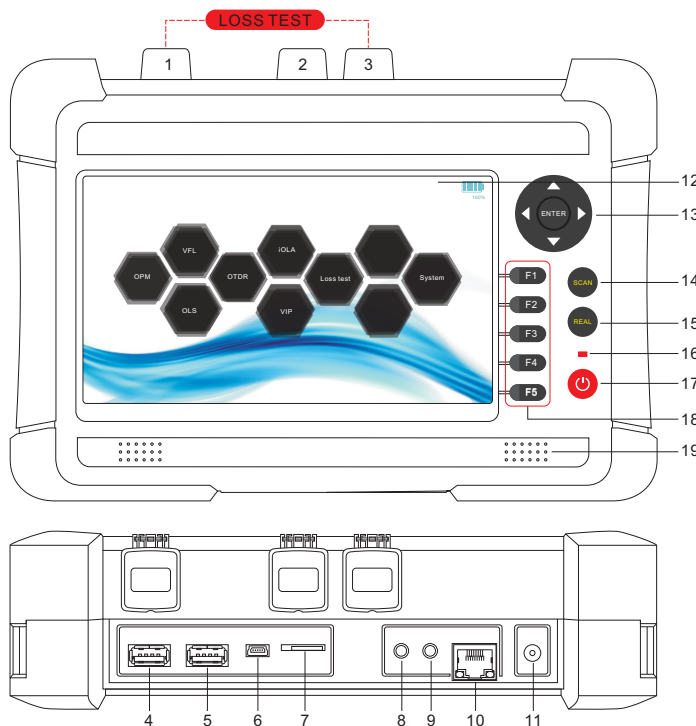
# OTDR Platform

## OTDR-7001

7 inch color LCD, Multi-touch screen  
 Multi-wavelength testing and display  
 Built-in VFL and real-time monitoring OPM  
 Map Link with Pass/Not Pass Set  
 Injection/receiving fiber settings



Max. 5 wavelengths, 850nm/1300nm/1310nm/1550nm/1625nm



1	OTDR&OLS
2	VFL
3	OPM
4	USB1
5	USB2
6	USB3
7	Micro SD Slot
8	Headset Socket
9	Serial Port
10	Ethernet Port
11	AC/DC Socket
12	7 inch Touch Screen
13	Buttons Area
14	Average Measure
15	Real-time Measure
16	Power Indicator
17	Power Button
18	Function Buttons
19	Beep

### Optional functions:

Function code	Function description
GPS	Display the longitude and latitude position outdoor
VIP	Display the surface of connector by video inspection probe
OLA	Multipulse test using a mix of short, medium and long pulses
TA	Triaxial accelerometer
TH	Hygrothermograph
WF	WIFI
BT	Bluetooth



NEXT-Generation Network Measurement



ISO9001



ISO14001:2015

**OTDR**

## ACCESSORIES

### Standard



OTDR-7001



FCU=FC/UPC



SCU=SC/UPC



AC Cable



AC/DC Adapter



Carrying Bag

### Optional



LCU=LC/UPC

## SPECIFICATIONS

LCD	7 inch color LCD, Multi-touch screen
Connector	FC/PC (850/1300/1310/1550) and SC/PC interchangeable adapters and optionals
Pulse Width	5ns,10ns,25ns,50ns,100ns,250ns,500ns,1us,2.5us,5us,10us,20us
Attenuation Dead Zone	4.0m
Event Dead Zone	1.5m
Min.Distance Resolution	0.1m
Loss Resolution(dB)	0.001 PASS/FAIL test option available
Distance Uncertainty(m)	+/- (0.8+0.005% * Testing Distance + Resolution)
OPM Function	+26~-50dBm, 850/1300/1310/1490/1550/1625nm,FC or SC adapter
VFL Function	1mW
Storage	>10000 results
Battery	7.4V/4.6AH Rechargeable lithium-ion batteries
Size(H*W*D)	246.5mm*173.5mm*70mm
Weight	About 1.55 kg
Storage Temperature	-20 to +60 Celsius, < 90%RH
Operating Temperature	-10 to +50 Celsius, < 90%RH

## ORDERING GUIDE

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### OTDR-7001

XXX = additional extensions available on the first page of datasheet (such as GPS, TA, WF, etc.)

			EDZ/ADZ	Pulse Width
1310/1550nm	OTDR-7001	40/38dB	1/5m	5ns~20 μ s
	OTDR-7001B	43/41dB	0.5/2.5m	3ns~20 μ s
	OTDR-7001C	45/43dB	0.5/2.5m	3ns~20 μ s
1310/1550/1625nm 1625nm with filter for PON	OTDR-7001C-P	45/43/43dB	0.5/2.5m	3ns~20 μ s
850/1300/1310/1550nm	OTDR-7001-MM	26/26/40/38dB	MM: 1.5/7m SM: 1/5m	5ns~1 μ s/5ns~5 μ s@MM 5ns~20 μ s@SM
Customize Max. 5 wavelengths in one unit				

Note: Only 1625nm with filter option can test active fiber! Others may be damaged by active fiber

## ORDERING INFORMATION

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### OTDR-7001X-YY-ZZZ

X - none/B/C - standard/better EDZ/better EDZ and more budget

YY - P/MM - suitable for PON networks and active fiber testing/ supporting MM fiber

ZZZ - Extendable optional functions as mentioned on first page

## EXAMPLES

OTDR-7001C-P+OLA+GPS+VIP = OTDR-7001 with best EDZ and budget, supporting PON networks and active fiber measurement, including multipulse test, GPS satellite location module and video inspection probe

OTDR-7001-MM+WF = OTDR-7001 with support for MMF, including WiFi Ethernet data connection