

## T-OT750 Series OTDR



T-OT750 series tester is a comprehensive optical fiber measuring instrument to solve the measurement of various parameters of optical fiber. It mainly USES OTDR function and has other common measuring functions. Really reflected: ONE MACHINE, TESTING ALL!

### Main parameter characteristics

- ◆ Touch-sensitive and solid physical button work together for perfect user experience
- ◆ Excellent for short-range measurement, Dead zone: 0.8m/4m
- ◆ Maximum sampling resolution: 5cm
- ◆ Support multiple analysis functions on testing results: Segment return loss, Event point return loss, Multi curves comparison, quick screen shots.
- ◆ Complete user data interface: USB (Type A)、MINI USB、SD card

### Model Specification.

Model No.	Wave Length(nm)	Dynamic Range (dB)	Deadzone (M)
T-OT750-S-A28	1310/1550	28/26	0.8/4
T-OT750-S-A32	1310/1550	32/30	0.8/4
T-OT750S-A35	1310/1550	35/33	0.8/4
T-OT750-S-A37	1310/1550	37/35	0.8/4
T-OT750-S-A40	1310/1550	40/38	0.8/4
T-OT750-S-B26	1625	26	0.8/4
T-OT750-S-B32	1625	32	0.8/4
T-OT750-S-C26	1650	26	0.8/4
T-OT750-S-C32	1650	32	0.8/4
T-OT750-S-AB35	1310/1550/1625	35/33/32	0.8/4

T-OT750-S-AB42	1310/1550/1625	42/40/38	0.8/4
T-OT750-S-AC35	1310/1550/1650	35/33/32	0.8/4
T-OT750-M26	850/1300	22/26	2/5
T-OT750-SM28	1310/1550/850/1300	28/26/22/26	SM: 0.8/4 MM: 2/5
T-OT750-SM35	1310/1550/850/1300	35/32/22/26	SM: 0.8/4 MM: 2/5

## Parameter

Pulse Width	SM	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs
	MM	850mm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1us 1300mm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1us, 2us
Test Range	SM	100m、500m、2km、5km、10km、20km、40km、80km、120km、160km、240km
	MM	850mm: 500m, 2km, 5km, 10km 1300mm: 500m, 2km, 5km, 10km, 20km, 40km, 80km
Minimum sampling resolution		0.05m
Maximum sampling point		256,000
linearity		≤0.05dB/dB
Loss resolution		0.001dB
Distance resolution		0.01m
Distance accuracy		$\pm(1m+Range \times 3 \times 10^{-5}+Sampling\ resolution)$ (Regardless of the refractive index)
Result Storage		>16G SD card(Maximum support 128G), Store more than 100000 pieces of data
Complete user data interface		USB(Type A)、MINI USB、SD card
Monitor		5.6 "TFT LCD 640 * 480
Battery		7.4V/2500mAh X 2 lithium battery(Aviation certification)
Working temperature		Working temperature: -10°C~+50°C; Storage temperature: -20°C~+70°C
Relative humidity		≤95%(No condensation)
Size and weight		215×155×68mm/1.1kg(Including 2 batteries)
VFL		10KMS, 10mW, CW/2Hz
OPM		Option A: -10dBm~-70dBm; Option B: +23dBm~-50dBm
Laser source		Output: -5dBm±2dB, Frequency: CW/270Hz/1KHz/2KHz
GPS/GNSS		Customized
WIFI/Bluetooth		Customized

