

# Web Optical Time Domain Reflectometer

## TR-600 OTDR

### Feature:

- ◆ Large touch screen+Shortcut keys, easy to operate
- ◆ Large -capacity polymer lithium battery, long working hours
- ◆ Intelligence test , simple to use , powerful
- ◆ RAM+ SD Sim dual media , large storage capacity traces
- ◆ Meet FTTx Test requirements
- ◆ Optional multiple wavelengths
- ◆ Rugged housing design , dustproof



### General Specification:

General Specification		Interface Category	
Dimension (H×W×D)	150×235×66	Optical Interface	FC/UPC FC/UPC (PC, and APC are selectable)
Net Weight	1.5kg	Data Interface	USB interface, SD card interface
Operating Temp.	-10°C-50°C		
Storage Temp.	-40°C-70°C		Visible failure orientation VFL
Relative humidity	0%-95%(Non-Considering)	Wavelength	650nm
Power Supply	Lithium battery continuing working duration ≥8 hours	Output Power(dBm)	≥-3
Warranty	12Months	Max Testing Distance	5km
<p>Remarks: 1. The technical specification describes the ensured performance of the instrument when using typical PC model connector to measure. Without considering the uncertainty caused by optical fiber refractivity.</p> <p>2. Dynamic range is the data measured under the condition of the maximum pulse width and 3 minutes of average time. Dynamic range is the data measured under the condition of 100km/20480ns/3min.</p> <p>3. Measuring conditions of blind zone: reflection event is within 4Km, reflection strength &lt; -35dB. Measured by the minimum pulse width.</p> <p>4. Dynamic range measured when there is filter.</p> <p>5. Dynamic range measured when there is no filter.</p>			

Specification													
Wavelength(nm)	850/1300			1310/1550				1310/1490/1550		1625			
Dynamic Range(dB) <sup>2</sup>	23/21			32/30	34/32	36/34	38/36	34/32/3 2	38/36/3 6	30 <sup>4</sup>	32 <sup>5</sup>	34 <sup>4</sup>	36 <sup>5</sup>
Pulse Width(ns)	5、20、40、80、160、320、640、 1280			5、20、40、80、160、320、640、1280、2560、5120、10240、20480									
Event blind zone(m) <sup>3</sup>	2m			2m									
Attenuation blind zone(m) <sup>3</sup>	9m			9m									
Linearity(dB/dB)	±0.05 dB/ dB												
Loss Threshold(dB)	0.05												
Loss Resolution ratio(dB)	0.01												
Sampling Resolution ratio(m)	0.125-8												
sampling points	32K												
Distance uncertainty(m)	$\pm(1\text{ m} + 5 \times 10^{-5} * \text{testing distance} \pm \text{sampling interval})$												
Distance scope(km)	0.3-200												
Typical real-time Refreshing Duration(s)	0.2												
Memory capacity of trace	SD card (2G) >10000frames												
Duration of measurement	Defined by user, 5s、10s、15s、30s、1min、2min、3min are selectable												