

# UW-5000H

Optical Time Domain Reflectometer  
Built-in OLS, OPM & VFL

One Unit...!! Testing All...!!!



All in One Unit (OTDR with Event Map, Loss Testing, Fiber End, OLS, OPM & VFL)  
Recommended for Access/CATV/FTTx  
Longer Battery Life (Two Batteries Inside)  
5.6 Inches Touch Screen and Keypad Operations  
Excellent Deadzones: 0.8/4m (EDZ/ADZ)  
Dynamic Range: 32/30dB (1310/1550nm)



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## Specifications

Central Wavelength	1310nm ± 20nm & 1550nm ± 20nm
Dynamic Range	32dB / 30dB
Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1µs, 2µs, 5µs, 10µs, 20µs
Test Range	100m, 500m, 2Km, 5Km, 10Km, 20Km, 40Km, 80Km, 120Km, 160Km, 240Km
Min. Sampling Resolution	4cm (0.04m)
Max. Sampling Points	256000 Points
Linearity	± 0.03dB/dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
Distance Accuracy	± (1m+Range x 3 x 10 <sup>-5</sup> + Sampling Resolution) (Regardless of the Refractive Index)
Result Storage	>16GB SD Card, (Max. Support 128GB), Store more than 1,00,000 Traces
Power Supply	AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 3A output voltage(DC) Inner lithium battery: 7.4V, 2500mAh x 2 Batteries for up to 12h of operation
Monitor	5.6 Inches, TFT Color LCD (640 x 480)
User Data Interface	USB (Type-A), Mini USB, SD Card
Environmental Conditions	Operating Temp: -10°C to 50°C, Storage Temp: -40°C to +70°C, Humidity: 0-95% RH
Testing Modes	Auto, Manual & Full Auto (Event Map)
Dimensions & Weight	215 x 155 x 68mm   1.10Kg Including Batteries
VFL (Visual Fault Locator)	650nm, 10mW (Up-to: 10Km), Modulation: CW / 2Hz
OPM (Optical Power Meter)	WL: 850-1650nm, -70dBm to +10dBm or -50dBm to +23dBm
OLS (Optical Light Source)	WL: 1310-1550nm, Output: -5dBm ± 2dB Modulation: CW / 270Hz / 1KHz / 2KHz

## Standard Accessories

01	OTDR Unit UW-5000H	01 No.
02	AC Adapter (Charger) & AC Power Cable	01 No.
03	Built-In Battery	02 Nos.
04	SC/FC Connector Adapter for OTDR	01 No.
05	Mini USB Cable	01 No.
06	Touch Pen (Stylus for Touch Screen)	01 No.
07	User Manual	01 No.
08	Calibration Report	01 No.
09	Carrying Case with Carrying Strap	01 No.
10	Wrist Strap	01 No.

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**MRP: Rs.195000/- (Quantity: 1 Set)**