# Fiber Optic Tester - Litech Optical Time Domain Reflectometer OTDR-702A







## Features

- Compact in size
- 3.5inch colorful LCD screen
- Shock-proof and drop-proof plastic shell design
- Simplest operating interface, shortcut key operation, easy to use
- Dual operation of touch screen and keys
- Very Short event blind zone
- Multiple test modes such as automatic test, manual test and blind zone test
- Light detection and alarm are available to avoid laser light from damaging the instrument while testing
- Built-in visible red light for visual fault locating function
- The USB interface functions enable quick file transfer
- The universal connector interface
- Smart battery indication with low –voltage alarm function
- 10-hour long battery operation time
- The highly intelligent software enable accurately and fast identification of faulty splices, connectors and macro-bending

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## Specification

| Parameter | Specification |
|---|---|
| Type Of Optical Fiber | Singlemode |
| Center Wavelength | 1310nm/1550nm (±20nm) |
| Maximum Dynamic Range (dB) | 36/35 |
| Event Blind Zone | 1.5m |
| Attenuation Blind Zone | 10m |
| Display Type | 3.5inch, color LCD, touch screen operation |
| Optical Interface | FC/UPC (Interchangeable SC, ST) |
| Test Range | 500m,1km,2km,4km,8km,16km,32km,64km,128km |
| Pulse Width | 10,30,50,100,275,500,1000,5000,10000ns |
| Range Accuracy | ± (1m + sampling interval +0.005% × distance) |
| Attenuation Measurement | ±0.05 dB/dB |
| Reflection Measurement | ±4dB |
| Data Storage | ≥ 1000 test curves |
| Communication Interface | USB |
| Power Supply Mode | AC / DC adapter: AC: 100V ~ 240V (1.5A), 50/60Hz |
| | DC: 18V to 20V (2A) |
| | Internal lithium-ion battery pack: 7.4V, 4400mAh |
| Battery Operation Time | ≥ 10hours |
| Operating Temperature | -5°C ~ 50°C |
| Storage Temperature | -20°C ~ 70°C |
| Relative Humidity | 0 ~ 95%, no condensation |
| Weight | 1.8kg |
| Volume | 32*20*21cm |

## Ordering Information

| Part Number | Testing Wavelength | Dynamic Range (dB) |
|---|---|---|
| OTDR-702A | 1310/1550 | 36/35 |

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