

S740 Series MINI OTDR

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1. OTDR
2. OPM
3. VFL
4. LS
5. Network Cable test
6. Fiber Inspection
7. Event Map
8. Loss test
9. Flashlight



Instrument characteristics

1. 9-in-1 functions
2. The 4.3-inch full-view capacitive touch-screen supports multi-touch
3. Cover plate type tempered glass panel, don't worry about screen scratch.
4. Support horizontal version, vertical version, perfect fusion of the two habits of user operations.
5. Support charging treasure charging, do not worry about the battery is not enough.
6. In line with the international standards of test data with perfect simulation software, so that your report is more simple.
7. Sink type light port design, so that the instrument light port can get better protection.
8. Support pen-driver, SD card and Micro USB export data protection.
9. Any interface supports screen capture



Physical indicators

1. 4.3-inch capacitive touch screen with full viewing , TFT 800x480 resolution
2. Lithium battery: 5200mAh/ 3.7v, standby time > for 10 hours
3. Size: 175x105x45mm, weight: 560g (including battery)
4. Working temperature: -10~+55°C, storage temperature: -20~+80°C



Specifications

| | |
|---------------------|---|
| Measuring range | 100m, 500m, 2km, 5km, 10km, 20km, 40km, 80km/90km |
| Sampling resolution | Min. 0.2m |
| The sampling point | 64,000 points |
| linearity | ≤0.05dB/dB |
| Loss threshold | 0.01dB |
| Loss resolution | 0.001dB |
| Range resolution | 0.01m |
| Range accuracy | ±(0.5m+Range×3×10 ⁻⁵ +Sampling resolution) (Excluding refractive index error) |
| Memory | >40000 |
| VFL | 10mW, CW/2Hz |
| Data interface | 2pcs USB (Type A×1, Micro usb×1), SD card |
| Screen | 4.3-inch TFT-LCD (Standard distribution capacity touch screen) |
| Battery | 3.7V/5200mAh |
| temperature | Working temperature: -10°C ~ +55°C; Storage temperature: -20°C ~ +80°C |
| humidity | ≤95%(No condensation) |
| Size/Weight | 175x105x45mm/0.56kg(including battery) |
| Attachment | Power adapter, lithium battery, FC adaptor, USB cable, quick guide, portable package |
| OPM | Type A: -10dBm ~ -70dBm; Type B: +26dBm ~ -50dBm |
| LS | The output power: -5dBm, Modulation frequency: CW/270Hz/1KHz/2KHz |
| Network Cable test | Support network wire sequence testing and wire alignment |

Modules

| Module | Wavelength(nm) | Dynamic Range(dB) | Distance Scope(km) |
|--------------------------|----------------|-------------------|--------------------|
| Dual Wavelength | | | |
| S740-22D | 1310/1550 | 22/20 | 70 |
| S740-24D | 1310/1550 | 24/22 | 80 |
| S740-26D | 1310/1550 | 26/24 | 90 |
| Single Wavelength | | | |
| S740-20S | 1550 | 20 | 70 |
| S740-22S | 1550 | 22 | 80 |