



# Precision Rated Optics

Work with a PRO!

## FTP-1 Series *Standard Handheld OTDR*



The PRO FTP-1 OTDR boasts massive OTDR testing power in a small, ruggedized package. Designed for FTTx applications, the FTP-1 is also available with an optional Light Source, Power Meter and VFL.

With up to 65,534 sampling points, "Pass/Fail" assessment and ORL test function, the FTP-1 can precisely locate fiber events, making it perfect for FTTx applications, installation, maintenance, R&D and network testing. The user can store up to 1,000 test results and transfer the results (via USB) to data management software, such as FiberBase.

Sold, serviced and supported in the USA, the FTP-1 comes with a standard 1-year manufacturer's warranty, FC/PC, SC and ST adapters and a soft carrying case.

### Built-in:

- Light Source
- VFL

### SPECIFICATIONS

Selectable Range (km)	0.1, 0.3, 0.5, 1.3, 2.5, 5.0, 10 @ 850nm; 0.1, 0.3, 0.5, 1.3, 2.5, 5.0, 10, 20, 40, 80 @ 1300nm; 0.3, 1.3, 2.5, 5.0, 10, 20, 40, 80, 120, 160, 240 @ others
Pulse Width (2)	12ns, 30ns, 100ns, 275ns, 1µs @ 850nm; 12ns, 30ns, 100ns, 275ns, 1µs, 2.5µs @ 1300nm; 5ns, 10ns, 12ns, 30ns, 100ns, 275ns, 300ns, 1µs, 2.5µs, 10µs, 20µs @ others
Averaging Time	15s, 30s, 1min, 2min, 3min
Distance Measure Accuracy	± (1m + 5x10 <sup>-5</sup> × Distance + Sampling Space)
Attenuation Detect Accuracy	± 0.05 dB / dB
Reflection Detect Accuracy	± 4dB
Data Storage	1,000 records
Connectivity	USB/RS-232
Connector	FC/PC (Interchangeable SC, ST)
Power Supply	NiMH Battery / AC Adaptor
Battery Life	8 hours continuous operation; 20 hours standby (on one charge)
Operating Temperature	32° F ~ 122° F (0° C ~ 50° C)
Storage Temperature	-4° F ~ 158° F (-20° C ~ 70° C)
Environmental Conditions	0~95% (Humidity, Non-Condensing)
Weight & Dimensions (HxWxD)	8.7" x 4.3" x 2.7" / 2.2 lb (220 x 110 x 70 mm / 1 kg)

- Ideal for LAN/WAN/FTTx Certification & Troubleshooting
- Optional Stabilized Light Source, SM/MM Power Meter and VFL
- Pass/Fail Assessment and ORL Test Function
- Storage of 1,000 Test Results
- USB/RS-232 Data Interface, Driver-Free

### SPECIFICATIONS

	1M2A	1S2A	1S2B	1S2C	1S2D
Wavelength (± 20nm)	850/1300	1310/1550			
Dynamic Range	21/24dB	28/26dB	32/32dB	38/37dB	45/43dB
Event Deadzone (m)	1.8			2.5	
Attenuation Deadzone (m)	8	10		14	
Multimode	Yes	No			

### FTP-1 Series Standard Package Includes:

OTDR, Rechargeable Battery, AC/DC Adapter, Trace Manager Software CD, Data Transfer Cable (RS232/USB), Rubber Boot, Warranty Card, CE Certificate, Certificate of Calibration, Quick-Reference Guide, Soft Carrying Case

### Ordering Information

FTP-1M2A-PSF	MM (850/1300) OTDR: 21/24dB
FTP-1S2A-PSF	SM (1310/1550) OTDR: 28/26dB
FTP-1S2B-PSF	SM (1310/1550) OTDR: 34/32dB
FTP-1S2C-PSF	SM (1310/1550) OTDR: 38-37dB
FTP-1S2D-PSF	SM (1310/1550) OTDR: 45/43dB

P/N: FTP-1 v.10.15.15

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(w/ Standard Power Meter)**



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- Storage of 1,000 Test Results
- USB/RS-232 Data Interface, Driver-Free

### SPECIFICATIONS

	1S3A	1S3B	1S3C
Wavelength (± 20nm)	1310/1490/1550	1310/1550/1625	1310/1550/1650
Dynamic Range	38/37/37dB		
Event Deadzone (m)	2.5		1.5
Attenuation Deadzone (m)	14		10

#### FTP-1 Series Standard Package Includes:

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#### Built-in:

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- VFL
- Standard Power Meter

### SPECIFICATIONS

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Pulse Width (2)	12ns, 30ns, 100ns, 275ns, 1µs @ 850nm; 12ns, 30ns, 100ns, 275ns, 1µs, 2.5µs @ 1300nm; 5ns, 10ns, 12ns, 30ns, 100ns, 275ns, 300ns, 1µs, 2.5µs, 10µs, 20µs @ others
Averaging Time	15s, 30s, 1min, 2min, 3min
Distance Measure Accuracy	± (1m + 5x10 <sup>-5</sup> x Distance + Sampling Space)
Attenuation Detect Accuracy	± 0.05 dB / dB
Reflection Detect Accuracy	± 4dB
Data Storage	1,000 records
Connectivity	USB/RS-232
Connector	FC/PC (Interchangeable SC, ST)
Power Supply	NIMH Battery / AC Adaptor
Battery Life	8 hours continuous operation; 20 hours standby (on one charge)
Operating Temperature	32° F ~ 122° F (0° C ~ 50° C)
Storage Temperature	-4° F ~ 158° F (-20° C ~ 70° C)
Environmental Conditions	0~95% (Humidity, Non-Condensing)
Weight & Dimensions (HxWxD)	8.7" x 4.3" x 2.7" / 2.2 lb (220 x 110 x 70 mm / 1 kg)

#### Ordering Information

FTP-1S3A-PSF	SM (1310/1490/1550) OTDR:38/37/37dB
FTP-1S3B-PSF	SM (1310/1550/1625) OTDR:38/37/37dB
FTP-1S3C-PSF	SM (1310/1550/1650) OTDR:38/37/37dB

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### SPECIFICATIONS

	1P1A	1P1B	1P3A	1P3B
Wavelength (± 20nm)	1625	1650	1310/1550/1625	1310/1550/1650
Dynamic Range	37dB	37dB	38/37/37dB	
Event Deadzone (m)	1.5			
Attenuation Deadzone (m)	10			

### Ordering Information

FTP-1P1A-NSF	SM (1625) OTDR:37dB
FTP-1P1B-NSF	SM (1650) OTDR:37dB
FTP-1P3A-NS	SM (1310/1550/1625) OTDR:38/37/37dB (No VFL)
FTP-1P3B-NS	SM (1310/1550/1650) OTDR:38/37/37dB (No VFL)

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