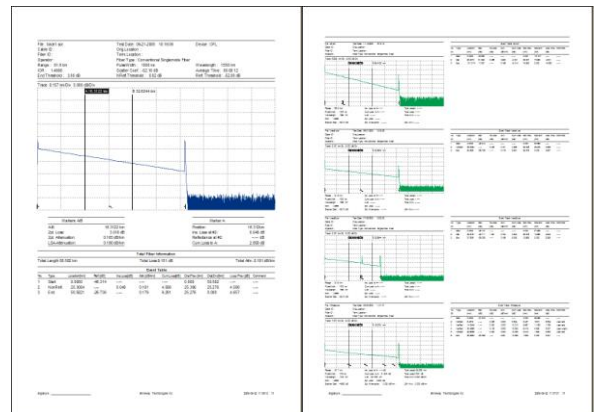# palmOTDR-S120 Series Entry-Level OTDR

- ◆ The lowest cost and the fully functional OTDR
- ◆ Graphic display of test results
- ◆ Dynamic range up to 28dB
- ◆ Quick start: <5 seconds
- ◆ Perfect user interface, handheld & lightweight (1kg)
- ◆ Hotkeys: Easiest operation in the world, push-and-test
- ◆ 1000 test records storage
- ◆ Bellcore file format (.sor)
- ◆ PC software for batch data processing
- ◆ USB data interface, driver-free
- ◆ Multiple languages:
EN/DE/IT/FR/ES/PT/RU/KR/VN/CN etc.
- ◆ 10 hours continuous operation with battery
- ◆ Dust-shock proof (2m drop test)

TraceManager Software

TraceManager software can display, analyze and edit trace files, generate and print comprehensive test and analysis reports in various forms.

- • Trace viewing, events analysis
- • Batch editing and flexible printing
- • Trace viewing, events analysis
- • Multi traces comparison
- • Batch editing and flexible printing
- • Bidirectional testing (Optional)
- • CSV/ASCII report formats

Specifications

Model	palmOTDR-S120A	palmOTDR-S120B
Wavelength (±20nm)	1310/1550	1310/1550
Dynamic Range	24/24dB	28/28dB
Rang of Use	Singlemode fiber	Singlemode fiber
Dead Zone	EDZ: 5m	EDZ: 2.5m; ADZ: 8m
Connector	FC/PC (Interchangeable SC, ST)	FC/PC (Interchangeable SC, ST)
Distance Measure Accuracy	$\pm(1m + 5{\times}10^{-5}{\times}Distance + sampling\ space)$	$\pm(1m + 5{\times}10^{-5}{\times}Distance + sampling\ space)$
Attenuation Detect Accuracy	±0.05 dB/ dB	±0.05 dB/ dB
Reflection Detect Accuracy	±4 dB	±4 dB
Data Storage	1000 records	1000 records
Connectivity	USB	USB
Power Supply	Rechargeable Battery/ AC Adapter	Rechargeable Battery/ AC Adapter
Battery Life	10 hours continuous operation/ 20 hours standby	8 hours continuous operation/ 20 hours standby
Operating Temperature	-10℃ ~ 50℃	-10℃ ~ 50℃
Storage Temperature	-20℃ ~ 70℃	-20℃ ~ 70℃
Relative Humidity	0 to 95% (non-condensing)	0 to 95% (non-condensing)
Weight	1kg (2.2 lbs)	1kg (2.2 lbs)
Dimensions (H x W x T)	220×110×70mm (8.7×4.3×2.7 inch)	220×110×70mm (8.7×4.3×2.7 inch)

Ordering Information

Standard Package Includes:

Instrument, Rechargeable battery, AC adapter, TraceManager software CD, USB data transfer cable, Warranty card, Certificate of calibration