AE4000 Series
OTDR Module
-Advanced, Quick, Expandable

Description

With a 45dB range, 0.8m dead zone, over 8 hours continuous use battery life and weighing just 3Kg, the latest Deviser AE4000 Series OTDR module is designed to meet or exceed the more demanding industry requirements for field use. The touch screen, unique keyboard design and comprehensive auto-mode make fibre testing fast and simple.

Model	Wavelength	Dynamic Range(dB)	Event DZ (m)	Attenuation DZ (m)
AE4000A	1310/1550	37/35	<1	<6
AE4000B	1310/1550	40/38	<0.8	<4
AE4000C	1310/1550	43/41	<0.8	<4
AE4000D	1310/1550	45/43	<0.8	<4
AE4000E	1310/1550/1625	38/37/37	<0.8	<4
AE4000F	1310/1550/1650	38/37/37	<0.8	<4
AE4000G	1310/1550/1490	38/37/37	<0.8	<4
AE4000H	1310/1550/1490/1625	38/37/37/37	<0.8	<4
AE4000K	1310/1550/1490/1650	38/37/37/37	<0.8	<4

Key Benefits

–Minimum Event Dead Zone < 0.8m

- Identifying short patchcords

–Fast Measurement: Start-up Time < 15s

- Minimum measurement time is 5s

–Portable handheld design

- The AE4000 switches conveniently between touch screen and keyboard operation for more flexible control.
- Fast storage function and one-button operation to save test results.
- Unique mini-menu feature allows quick and convenient review of results.
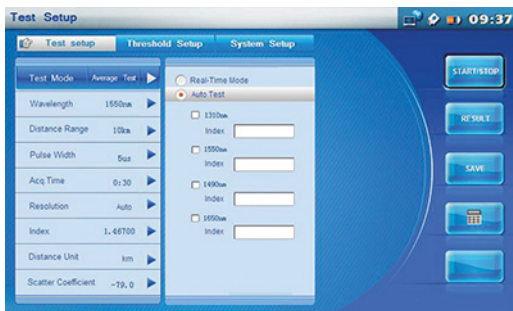
–Modular Design

- Compatible with OTDR and Ethernet Test

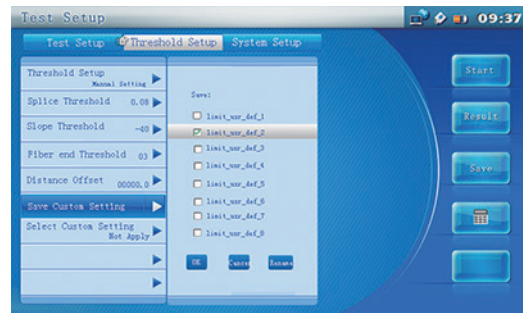**–Extremely Long Operating Time and Handy Battery Replacement**

- High capacity lithium battery

1. Unique keyboard design with mini-menu not only simplifies the operation but also increases the efficiency of the test.
2. No extra setup needed and test results are clear and intuitive.
3. Help function includes a useful FAQ section.

Comprehensive auto-mode offers intelligent operation of the instrument which automatically sets up the measurement parameters including complete fault location and data storage.

Supports customised setup which allows the user save different measurement setups for different test environments.

Multiple interface styles to suit different test environments.

Self diagnosis and self correction

- Self-detection and protection of the optical adapter to avoid optical injection
- Self-detection of mis-connection of optical adapter
- Self-calibration and correction of OTDR

Specification

Measurement Time	Customised
Distance Accuracy	± (0.75m + 0.0002 % × Distance + Sampling Resolution)
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.05m
Linearity	0.03dB/dB
Sampling Points	128000
Data Storage	>10000
Optical Adapter	FC/PC, SC/PC
Battery	Lithium Rechargeable Battery, Input < 4hours, Output > 10hours
Operating Temperature	-10℃ ~ 50℃

Storage Temperature	-40℃ ~ 85℃
Relative Humidity	<80%
Weight (Module)	<0.35kg
Accessories	
SC/PCAdapter	1
Package Bag	1
Test Report	1
Quick Operation Manual	1
Disc	Workbench PC Management Software and Operation Manual

Contact Information

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