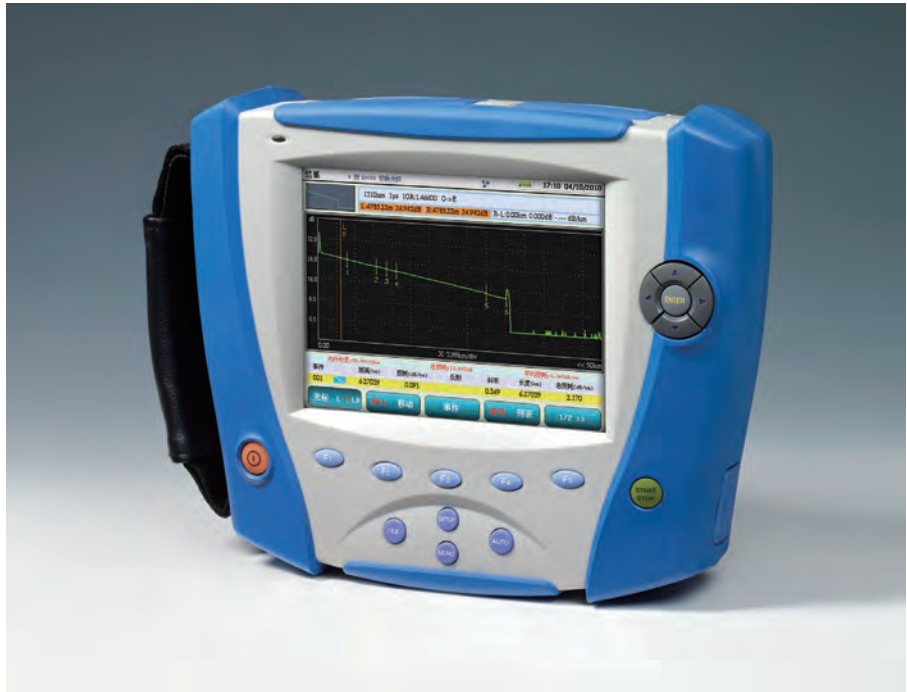


AE3000 Series OTDR

-New Experience of Stability, Efficiency, Intelligence

AE3000 Series



Model	Wavelength (nm)	Dynamic Range (dB)	Event DZ (m)	Attenuation DZ (m)
AE3000A	1310/1550	33/31	<2	<12
AE3000B	1310/1550	35/33	1.5	<10
AE3000C	1310/1550	37/35	<0.8	<5
AE3000D	1310/1550	40/38	<0.8	<5

Key Features

- High Accuracy
 - Minimum Event Dead Zone < 0.8m, capable of finding 2m jumper.
- Fast Operation
 - Minimum measurement time can be set to 5s and it only takes 30s to measure a fiber which is 100km or longer
- Handy Operation
 - Result analysis can be completed by one-button operation
- Cost Effective
 - The lowest price with same dynamic range level among all competitive products

Interface (RJ45, USB, SD Card)

- | | |
|---------------------------------|---|
| -RJ45 | -SD Card |
| Remote control and sharing data | Save up to 5000 results |
| -USB | -Optical Adapter |
| Convenient for data transfer | Easy to replace and clean with lower cost |

Optical Network Test Solution

AE3000 series OTDR is a high performance and multi-purposes portable OTDR. Comparing to the traditional OTDR, AE3000 is designed with new circuit design and exterior design which makes it much lighter of weight and higher performance.

Parameter Setup

AE3000 offers user friendly interface which is similar to Windows interface style. It is very easy to pick up the way of usage without professional training. AE3000 also offers online helps which answer most of the frequently asked questions.

Auto Diagnosis and Auto Correction

–Optical adapter detection and protection

AE3000 triggers the alarm when light injection has been found at the optical adapter.

–Optical adapter connection detection

Warning is provided if optical adapter is stained in order to avoid influencing the test result.

–Self calibration and correction

Auto calibration function could self calibrate the instrument after using a certain period of time.

Specification

Parameters	
Distance	3m ~ 200km
Pulse Width	AE3000A/AE3000B: 5ns ~ 20μs AE3000C/AE3000D: 3ns ~ 20μs
Measurement Time	User-defined
Distance Uncertainty	±(1m + 0.0005% × distance + sampling resolution)
Loss Threshold	AE3000A/AE3000B: 0.05dB AE3000C/AE3000D: 0.03dB
Loss Resolution	0.001dB
Distance Resolution	0.05m
Linearity	0.04dB/dB
Sampling Points	128000
Data Storage	>5000
Others	
Display	6.4" TFT LCD
Optical Adapter	FC/PC, SC/PC
Interface	USB (Principle and subordinate each), SD, RJ45
Battery	Rechargeable Lithium battery, charging < 4 hours, Operation time > 10 hours
Power Supply	AC/DC Adapter, Input AC90-240V ±10% Output 12V
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-40°C ~ 85°C
Relative Humidity	< 80%
Weight	< 2kg
Dimension	248 x 201 x 75 (mm)
Accessory	
SC/PC Adapter	1
AC Adapter	1
Quick Operating Guide	1
Package Bag	1
Disc	Toolbox Software and User Manual