

# AE100/AE120/AE160/LS200 Mini Optical Power Meters and Light Source

## Key Benefits

- Installation and maintenance of optical networks including CATV and FTTx
- Rugged, pocket-size design is built to endure field operations
- Long battery life
- Auto shut down and auto calibration
- LCD Backlight

The AE100 and LS200 series of light sources and optical power meters are perfect for installation and verification of fiber optics networks. These miniature units fit in even the smallest of test locations, enabling users to run optical loss tests and other basic scans required for all turn-up and maintenance of optical networks.



## Specifications

Model	AE100	AE100A	AE100B	AE120	AE160
Accuracy	±0.23dB(±5%)		±0.17dB(±3%)		
Optical Adapter	InGaAsΦ300μm		InGaAs	InGaAs Φ2000μm	InGaAs
Dynamic Range	-70dBm to +10dBm	-50dBm to +27dBm	-50dBm to +27dBm	-50 to +27dBm	-70dBm to +10dBm
Linearity	0.07dBm to +10dB				
Resolution	0.01dB				
Wavelength	850nm 980nm 1300nm 1310nm 1490nm 1550nm 1610nm				
Connector	FC/SC/ST (General)		FC/SC/ST (Adjustable)		
Battery	Regular AAA Battery		Rechargeable AAA Battery with Charger		
Operating Temperature	-10°C to +60°C				
Battery Life	>50 Hours (Backlight Off)				
Dimension	119mm x 70mm x 29mm (4.7" x 2.8" x 1.1")				
Weight	200g				

Model	LS200A-A	LS200A-B	LS200B
	Single Wavelength Light Source	Double Wavelength Light Source	Double Wavelength Light Source
Central wavelength	1310±20nm	1550±20nm	1310 & 1550 ± 20nm
Laser transmitter	FP-LD		
Output power	-5 to -3dBm, Stepping 1dB		-3dBm
Fiber	SM		
Power stability	±0.05 db@20°C 1h, ±0.1 db@20°C 8h, After a 15-minute warm-up		
Optical adapter	FC\PC		
Tone generation	270 Hz, 1 kHz, 2 kHz		
Power	2 x 1.5V AA batteries or rechargeable Ni-MH batteries		
Battery life	>30 h (Light on, backlight off)		
Operating Temperature	-10°C to +60 °C		
Dimensions	119mm x 70mm x 29mm (4.7" x 2.8" x 1.1")		
Weight	200g (Battery is exclusive)		