

AE200/AE220/AE260/LS300 Optical Power Meter

Key Benefits

- Installation and maintenance of optical distribution networks including CATV and FTTx
- VFL
- Auto shutdown and self-calibration function
- USB Interface and toolbox software

The AE200 series of compact optical power meters and LS300/500 series of light sources are perfect for qualifying applications using fiber optics for the physical layer, including FTTx, CATV, PON and long haul networks. These user-friendly instruments are capable of supporting up to 5 wavelengths, covering all required wavelengths needed for the applications listed above.



Specifications

	AE200A	AE200B	AE220	AE260
Accuracy	±0.23dB(±5%)		±0.17dB(±3%)	
Optical Adapter	InGaAs		InGaAs- Φ2000μm	InGaAs
Dynamic Range	-43dBm~+25dBm			-70dBm ~+6dBm
Linearity	0.07dB / 10 dB			
Resolution	0.01dBm, mW, μW, nW			
Wavelength	850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1610nm			
650nm VFL	Power 1 mW (3, 5, 10 mW optional)			
Connector	FC/SC/ST adjustable			
Operating Temperature	-10°C ~ +60°C			
Battery Life	>70 Hours (Backlight Off)			
Dimension	185mm x 85mm x 45mm			
Weight	320g (excluding battery)			

	LS300A	LS300B
	Double Wavelength Light Source	Triple Wavelength Light Source
Central wavelength	1310 ± 20 / 1550 ± 20	1310 ± 20 / 1550 ± 20 1490 ± 10
Laser transmitter	FP-LD (Default), DFB	
Output power	+3 ~ -5 dBm Stepping 1dB	SM: 1310, 1490, 1550, 1,0,-1 MM: 850, 1300, -5,-6,-7
Fiber	SM, MM:62.5/125μm (Default) 50/125μm	
Power stability	±0.05 db@20°C 0.5h, ±0.8 db@20°C 8h, After a 15-minute arm-up	
Optical adapter	FC\PC (Default) FC\APC, SC\PC, SC\APC	
Tone generation	270 Hz, 1 kHz, 2 kHz	
Power	3 x 1.5V AA batteries or rechargeable Ni-MH batteries	
Battery life	>30 h (Light on, backlight off)	
Operating Temperature	-10°C ~ +60 °C	
Dimensions	185mm x 85mm x 45mm	
Weight	320g (Batter is exclusive)	