

AE2xx Series Optical Power Meter

Key Benefits

- Over 100 hours' working time with 2x AA rechargeable batteries
- New features: pair with LS310 Series Light Source to auto-verify source wavelength and run dual-λ testing
- Identify fiber bends and faults with VFL function
- Auto shutdown and self-calibration
- USB interface and Toolbox software

The AE2xx Series of optical power meters is 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 9 wavelengths, covering all ranges required for the applications listed above.

These handheld units provide superior accuracy, consume little power, and are built for portability in the field. With multiple available models, it's easy to find the right configuration for your testing needs.



Specifications

Model	AE210	AE220	AE230	AE260	AE270
Detector	InGaAs Φ 300μm	InGaAs Φ 2000μm			InGaAs Φ 300μm
Dynamic Range	-50 ~ +26dBm			-70 ~ +10dBm	
Calibrated Wavelength	850, 980, 1300, 1310, 1490, 1550, 1610nm (1625, 1650nm included on AE230 and AE270 only)				
Accuracy	± 0.17dB (± 3%)				
Resolution	0.01dBm; mW; μW; nW				
Auto Detection	Frequency	270 Hz, 1kHz, 2kHz			
	Wavelength	850 / 1310 / 1490 / 1550 / 1610nm			
Connectors	FC / SC (default); ST (optional) (LC available on AE210, AE220, AE230 only)				
Environment	-10 ~ +60°C, humidity < 80%				
Battery Life	>100 hrs (with included battery; backlight off)				
Dimensions	7.3" x 3.3" x 1.8" (185mm x 85mm x 45mm)				
Weight	< 300g (without battery)				

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