

AE100 Series Optical Power Meter

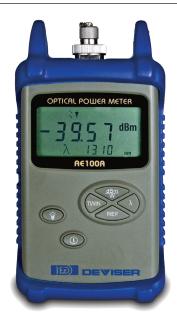
Key Benefits

- Installation and maintenance of optical networks, including CATV & FTTx
- Rugged, pocket-size design is built to endure field operations
- Up to 180 hours' working time with included batteries
- Auto shutdown and auto calibration
- LCD backlight for low-light test environments

Overview

The AE100 Series of optical power meters is perfect for installation and verification of fiber-optic networks. These user-friendly testers support up to 9 wavelengths, enabling users to easily run optical loss tests and other basic scans required for routine maintenance. The AE100 Series is built for power efficiency and field portability, and can test continuously for up to 180 hours.

With multiple available models, it's easy to find the right configuration for your testing needs.



Specifications

Model		AE90	AE100	AE100A	AE100B	AE120	AE160
Detector		InGaAs Φ300µm			InGaAs Φ2000µm	InGaAs Φ300µm	
Accuracy		± 0.23dB (± 5%)			± 0.17dB (± 3%)		
Input Range		-50 ~ +26dBm					-70 ~ +10dBm
Resolution		0.01dBm, mW, µW, nW					
Calibrated Wavelength		850 / 980 / 1300 / 1310 / 1490 / 1550 / 1610 / 1625 / 1650nm					
Auto Detection	Frequency	270 Hz, 1kHz, 2kHz					
	Wavelength	850 / 1310 / 1490 / 1550 / 1610nm					
Connectors		FC/SC (default); ST/LC (optional)	FC/SC/ST	[universal		default); optional)	FC/SC/ST universal
Environment		-10 ~ +60°C, humidity < 80%					
Battery Life		>180 hrs (with included battery; backlight off)					
Dimensions		4.7" x 2.6" x 1.1" (<119mm x 70mm x 29mm)					
Weight		7oz (200g) (w/o battery)					

©2017 Deviser Instruments Incorporated. 780 Montague Expressway, Suite 701, San Jose, CA 95131. All rights reserved. Specifications subject to change without notice. All product and company names are trademarks of their respective corporations. Deviser Instruments manufacturing facilities are ISO 9001 certified. Do not reproduce, redistribute, or repost without written permission from Deviser Instruments. AE100 Series 171016