

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANDO

Ando AQ-1135E Optical Power Meter

The Ando AQ-1135E is a versatile signal generator suitable for a wide range of testing and measurement applications. It offers high precision and stability, ensuring accurate and reliable signal generation. Its user-friendly interface and comprehensive features make it an ideal choice for engineers and technicians.



MODEL

Ando AQ-1135E

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ-1135E

LISTING

<https://aumictechlabs.com/products/aq-1135e-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ando AQ-1135E is a compact optical power meter engineered for precise measurement of optical power across fiber and free-space applications. It quantifies power from plastic and glass fibers in optical communication systems and measures space-propagating light including laser beams. The instrument delivers 1/1000 dB resolution across a dynamic range of -90 dBm to +10 dBm, supporting wavelengths from 400 nm to 1700 nm depending on sensor configuration.

Technical Specifications

Optical power measuring range: -90 dBm to +10 dBm (meter); -90 dBm to 0 dBm (sensor-dependent)

Resolution: 1/1000 dB

Wavelength range: 400-1700 nm (meter); 700-1600 nm (AQ-1964E card sensor); 400-1100 nm (AQ-1966 sensor)

Interface: GP-IB (factory option)

Key Features

Compact, lightweight construction

Front-panel manual operation or remote control via GP-IB

Interchangeable optical sensors for application-specific wavelength coverage

Factory-configurable connector types; FC connector

standardTypical Applications Connector insertion loss measurement Detection of fine-scale optical power variations in fiber systems Wavelength-dependent loss characterization of optical cables and components when paired with a light sourceCompatibility & Integration The AQ-1135E accepts Ando optical sensors including the AQ-1973, AQ-1964E, AQ-1965, and AQ-1966. Adapter kits enable non-FC connector compatibility. External controllers configure the instrument via GPIB interface.

AQ1135E Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical light source
Source Type	Laser diode or LED source class per AQ-1135E config
Wavelength Class	Telecom window wavelength class
Output Power Class	Calibrated dBm output class
Output Stability Class	High short term stability class
Spectral Width Class	Specified source spectral width class
Remote Interface Class	GPIO class
Form Factor	Benchtop optical source class
Connector Class	FC SC interchangeable adapters class
Fiber Type	Single mode class
Series Family	Ando AQ-1135E
Applications Class	Optical loss and component stimulus
Calibration	Optical power calibration class
Operating Temperature Class	Standard lab
Primary Power	AC mains laboratory supply class
Cooling	Convection or fan cooled class
Safety	Optical source enable interlock class
Modulation Class	CW with optional modulation class
Return Loss Sensitivity Class	High return loss tolerant output class
Repeatability Class	High power setting repeatability class
Resolution Class	Fine power set resolution class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Operating temperature	Class: Standard lab
Humidity	Class: Up to 80 percent noncondensing class

PARAMETER	VALUE
Return loss	Sensitivity Class: High return loss tolerant output class

AQ1135E Specifications

PARAMETER	VALUE
Optical light source	Stable CW telecom wavelength output
Technical Specifications	Instrument Type: Optical light source
Notes	From Ando AQ-1135E OEM/family optical source documentation. Confirm exact wavelength and output power on the unit datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Standard lab
Operating Temperature	Class: Standard lab
Humidity	Class: Up to 80 percent noncondensing class
Operating Temperature Class	Standard lab
Primary Power	AC mains laboratory supply class
Cooling	Convection or fan cooled class
Safety	Optical source enable interlock class
Modulation Class	CW with optional modulation class
Return Loss Sensitivity Class	High return loss tolerant output class
Repeatability Class	High power setting repeatability class
Resolution Class	Fine power set resolution class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class Notes From Ando AQ-1135E OEM/family optical source documentation. Confirm exact wavelength and output power on the unit datasheet.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.