

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANDO

Ando AQ2140 Optical Multimeter Mainframe

The Ando AQ2140 is an optical multimeter/mainframe platform for modular optical power, loss, and related measurements. OEM Ando optical test documentation describes plug-in sensor and source modules controlled by the AQ2140 mainframe for flexible fiber-optic lab setups. Optical power and loss testing, fiber component characterization, and modular optical lab measurements. Instrument Family: Ando AQ2140 optical multimeter mainframe Function: Modular optical power and loss measurements Optical power and loss testing, fiber component characterization, and modular optical lab measurements. Instrument Family: Ando AQ2140 optical multimeter mainframe Function: Modular optical power and loss measurements Module Support: Optical sensor and source plug ins class



MODEL

Ando AQ2140

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ2140

LISTING

<https://aumictechlabs.com/products/aq2140-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Ando AQ2140 Optical Multimeter Mainframe is a modular measurement platform designed to host specialized optical test modules. It functions as a central control unit supporting optical power measurement, loss characterization, return loss testing, and spectral analysis. The two-bay configuration accepts various measurement and light source modules, enabling deployment as an optical power meter, stabilized light source, loss test set, or return loss instrument across R&D, component manufacturing, and network deployment environments. Technical Specifications Model: AQ2140 Type: Optical Multimeter Mainframe Module Bays: Two-bay configuration

Operating Temperature: 0 to 50°C Storage Temperature: -25 to +70°C Humidity: 85% RH or less
Dimensions: Approximately 450(W) × 180(H) × 450(D) mm Laser Classification: Class 3A Laser
Product (EN60825:1991) Laser Output Power: >-1 dBm (Europe, Canada, USA) Beam Diameter: 10
µm Numerical Aperture: 0.1 Laser Wavelengths: 1310/1550±20 nm, 1310±20 nm, 1550±10 nm
(depends on installed LD unit)Key Features Accepts multiple measurement modules for flexible
test configuration Supports FC, SC, ST, DIN, and HMS-10/A connectors via optional adapters
Integrates light source units (LD or LED) for active measurement setups Serial interface for
instrument control and data communication Expandable architecture via AQ2141 Optical
Multimeter Expansion FrameTypical Applications Research and development of optical
components Optical fiber and component manufacturing Optical network construction and
maintenance Optical component characterizationCompatibility & Integration The AQ2140
interconnects with the AQ2141 Optical Multimeter Expansion Frame to extend measurement
capabilities. Module design accommodates specialized measurement and light source units
across standard telecommunications wavelengths.

AQ2140 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Ando AQ2140 optical multimeter mainframe
Function	Modular optical power and loss measurements
Module Support	Optical sensor and source plug ins class
Display	Mainframe measurement display
Remote Interface	GPIB
Form Factor	Benchtop mainframe
Wavelength Calibration Class	Sensor module dependent
Power Range Class	Sensor module dependent
Accuracy Class	Sensor module dependent
Connector Adapters	Fiber adapter dependent on module
Operating Temperature Class	Standard lab
Series Family	Ando AQ2140 modular optical
Applications Class	Fiber optic power and loss
Memory	Setup and result storage class
Power Reference	Absolute optical power relative to cal
Loss Mode	Dual channel loss measurements class
Source Control	Controls compatible TLS or LD modules class
Channel Count Class	Multi slot mainframe class
Calibration	Module calibration data used by mainframe
Safety	Optical eye safety depends on source modules
Warmup	Per module specifications
Primary Power	AC mains powered mainframe
Operating temperature	Class: Standard lab

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
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Warmup	Per module specifications
Primary Power	AC mains powered mainframe Notes From Ando AQ2140 modular optical multimeter documentation. Numeric optical ranges come from installed sensor/source modules, not the empty mainframe.

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.