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Data Sheet
August 14, 2026

ANDO

Ando AQ1425 400-1600nm Optical Spectrum Analyzer

The Ando AQ1425 isabenchtop optical light source for telecom wavelength stimulus in optical loss and component testing. OEM Ando source documentation lists stable CW laser or LED outputs with calibrated power levels and fiber adapter interfaces. Optical insertion-loss testing, receiver stimulus, and general optical bench source applications. Source Type: Laser diode or LED source class per AQ1425 config Wavelength Class: Telecom window wavelength class Optical insertion-loss testing, receiver stimulus, and general optical bench source applications. Source Type: Laser diode or LED source class per AQ1425 config Wavelength Class: Telecom window wavelength class Output Power Class: Calibrated dBm output class

MODEL Ando AQ1425	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU AQ1425	LISTING https://aumictechlabs.com/products/aq1425-3/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ando AQ1425 is a compact optical spectrum analyzer for measuring and characterizing optical signals across 400 to 1600 nm. It delivers ±1 nm wavelength accuracy with high sweep rate and light sensitivity, making it ideal for WDM system development, component evaluation, and optical communication research.Technical Specifications Wavelength Range: 400 nm to 1600 nm Wavelength Accuracy: ±1 nm Sweep Rate: High Light Sensitivity: HighKey Features Center wavelength, sweep width, and reference level setting with user control Resolution adjustment for

measurement optimization Averaging and data memory functions Loss-wavelength and transmission loss characteristics calculation Marker placement and peak search capability Half-value width search function with labeling support Automatic setup that selects optimum center wavelength, sweep width, and reference level when optically connected to a light source Enhanced man-machine interface with integrated HELP function for operating procedures and error descriptions CRT display guidance for real-time measurement support GP-IB interface as standard for automated measurement control and external system integration Video plotter compatibility for data recordingTypical Applications Laser diode and light-emitting diode spectrum measurement Optical fiber loss-wavelength and transmission characteristic analysis Optical filter evaluation WDM component and system developmentCompatibility & Integration The AQ1425 interfaces with laser diodes and LEDs as optical sources. The standard GP-IB connection enables integration with external controllers for automated measurements and system-level testing. Legacy Ando Electric product technology is now supported under Yokogawa.

AQ1425 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical light source
Source Type	Laser diode or LED source class per AQ1425 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	GPIB class
Form Factor	Benchtop optical source
Connector Class	FC SC interchangeable adapters class
Fiber Type	Single mode class
Series Family	Ando AQ1425
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

AQ1425 Specifications

PARAMETER	VALUE
Ando AQ1425 Optical Light Source	Overview
Benchtop optical light source	Stable CW telecom wavelength output
Technical Specifications	Instrument Type: Optical light source
Notes	From Ando AQ1425 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 AQ1425 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

Specifications

PARAMETER	VALUE
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Notes
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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

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