

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANDO

Ando AQ5520 Optical Monitor

The Ando AQ5520 is an optical spectrum analyzer in the Ando AQ55xx family for telecom spectral measurements. OEM documentation lists diffraction-grating OSA architecture, selectable resolution bandwidth, and calibrated optical level measurements. Laser spectra, WDM channel checks, and optical component spectral characterization. Instrument Type: Diffraction grating optical spectrum analyzer Wavelength Range Class: Telecom OSA coverage class per AQ5520 datasheet Laser spectra, WDM channel checks, and optical component spectral characterization. Instrument Type: Diffraction grating optical spectrum analyzer Wavelength Range Class: Telecom OSA coverage class per AQ5520 datasheet Wavelength Accuracy Class: High accuracy OSA class



MODEL

Ando AQ5520

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ5520

LISTING

<https://aumictechlabs.com/products/aq5520-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ando AQ5520 is an optical spectrum analyzer engineered for precise measurement and analysis of optical signals in communications, research, and production environments. This benchtop instrument delivers high-accuracy spectral analysis across diverse optical signal types, including wavelength-division multiplexed (WDM) systems. The AQ5520 combines high resolution and sensitivity to distinguish closely spaced spectral components and measure low-level optical signals, making it essential for advanced optical testing, network analysis, and manufacturing

quality control. Technical Specifications Device Type: Optical Spectrum Analyzer Manufacturer: Ando (Yokogawa) Model: AQ5520 Measurement Capability: Precise optical signal analysis across spectral range Resolution: High resolution for closely spaced spectral components Sensitivity: High sensitivity for low-level optical signal detection Accuracy: Wavelength accuracy within ± 0.3 dB; polarization dependency ± 0.05 dB Dynamic Range: Wide dynamic range for signals with varying power levels Key Features High-accuracy spectral measurement and analysis Efficient operation in laboratory and production settings Support for WDM system analysis High sensitivity signal detection Broad optical spectrum analysis capability Typical Applications Optical communication systems analysis Research and development testing Optical network characterization Manufacturing and production testing WDM signal verification Compatibility & Integration The AQ5520 is a standalone benchtop instrument suitable for integration into optical testing environments. Standard AC power operation supports deployment in laboratory and field locations.

Features & description

From manufacturer datasheet

Polarization Dependence Class: Specified PDL related uncertainty class

Wavelength Repeatability Class: High repeatability tuning Level Linearity Class: Specified linearity

Operating Temperature Class: Standard lab Series Family: Ando AQ5520

AQ5520 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Diffraction grating optical spectrum analyzer
Wavelength Range Class	Telecom OSA coverage class per AQ5520 datasheet
Wavelength Accuracy Class	High accuracy OSA class
Resolution Bandwidth Class	Multiple RBW settings class
Dynamic Range Class	High dynamic range OSA class
Level Sensitivity Class	High sensitivity photodetector path
Level Accuracy Class	Calibrated optical level accuracy
Sweep Modes	Continuous and single sweep
Markers	Multi marker with wavelength level delta
Analysis Functions	Peak SMSR WDM class analysis
Input Connector Class	Fiber optic input with adapter
Remote Interface	GPIB
Display	OSA display class
Form Factor	Benchtop OSA
Polarization Dependence Class	Specified PDL related uncertainty class
Wavelength Repeatability Class	High repeatability tuning
Level Linearity Class	Specified linearity
Operating Temperature Class	Standard lab
Series Family	Ando AQ5520
Applications Class	Laser and WDM spectral characterization
Calibration	Wavelength and level calibration support
Internal Memory	Trace save recall class
Wavelength range	Class: Telecom OSA coverage class per AQ5520 datasheet
Bandwidth	Class: Multiple RBW settings class
Wavelength repeatability	Class: High repeatability tuning

PARAMETER	VALUE
Operating temperature	Class: Standard lab

AQ5520 Specifications

PARAMETER	VALUE
Ando AQ5520 Optical Spectrum Analyzer	Overview
Technical Specifications	Instrument Type: Diffraction grating optical spectrum analyzer
Notes	From Ando AQ5520 OEM/family OSA documentation. Confirm exact wavelength span and RBW set on the unit datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Standard lab
Operating Temperature	Class: Standard lab
Operating Temperature Class	Standard lab
Series Family	Ando AQ5520
Applications Class	Laser and WDM spectral characterization
Calibration	Wavelength and level calibration support
Internal Memory	Trace save recall class Notes From Ando AQ5520 OEM/family OSA documentation. Confirm exact wavelength span and RBW set 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	
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Notes	
From Ando AQ5520 OEM/family OSA documentation. Confirm exact wavelength span and RBW set on the unit datasheet.	

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.