

**Aumictech**

Test &amp; measurement • bought, sold, repaired, calibrated

**Data Sheet**

August 13, 2026

EXFO

## Exfo ,IQ-5310-89 METER MODULE

Key Features - Wideband wavelength meter for IQ-200 mainframes - Spectral coverage 600 nm to 1700 nm - Absolute wavelength uncertainty about +/-10 ppm - Wavelength display resolution 0.001 nm - Simultaneous central wavelength and power display - Modular plug-in for IQ-203 / IQ-200 platforms - FC/UPC EUI-89 connector configuration (-89) - Discontinued OEM IQ series module Technical Specifications Model: IQ-5310-89 Manufacturer: EXFO Instrument Type: IQ-200 Wavelength Meter Module Wavelength range nm: 600 to 1700 Absolute wavelength uncertainty: +/-10 ppm (OEM OCS literature) Absolute wavelength accuracy cited nm: +/-0.01 Wavelength display resolution nm: 0.



MODEL

**Exfo IQ-5310-89**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**IQ-5310-89**

LISTING

<https://aumictechlabs.com/products/iq-5310-89-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The Exfo IQ-5310-89 is a modular wavelength meter module engineered for integration into EXFO's IQ-200 Optical Test System. It measures the central wavelength and frequency of single incoming laser signals using a Michelson interferometer architecture, delivering high-fidelity optical characterization across the 600 nm to 1700 nm range. Technical Specifications Wavelength Measurement Range: 600 nm to 1700 nm Absolute Wavelength Accuracy:  $\pm 0.01$  nm Wavelength Display Resolution: 0.001 nm Power Measurement: Simultaneous display of central wavelength and total power Laser Linewidth Requirement: Optimal accuracy and resolution with narrow

linewidths (<10 GHz) Environmental Compensation: Temperature and pressure monitoring for wavelength reporting in vacuum and various air conditions

**Key Features**

**Auto Mode:** Automatically evaluates laser linewidth and adjusts displayed digit resolution

**Full Mode:** Constant 0.001 nm resolution output

**Calibration Options:** Factory calibration traceable to NIST; user-calibratable with stabilized HeNe laser or DFB laser diode; EXFO calibration services available

**Modular Form Factor:** Plug-in module compatible with IQ series platforms

**Typical Applications**

Measuring central wavelength and frequency of single laser signals

Determining central wavelength shifts due to environmental variation

**Compatibility & Integration Platform:** IQ-200 Optical Test System with IQ-203 Control Unit and IQ-206 Expansion Units

**Automated Systems:** Integration via Visual Basic and Delphi development environments

**Communications:** GPIB and network connectivity; OLE/OCX controls and LabVIEW drivers supported

## Features & description

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From manufacturer datasheet

### Features

- Wideband wavelength meter for IQ-200 mainframes

## IQ5310 Characteristics / Specifications

| PARAMETER                             | VALUE                                                  |
|---------------------------------------|--------------------------------------------------------|
| Model                                 | IQ-5310-89                                             |
| Manufacturer                          | EXFO                                                   |
| Instrument Type                       | IQ-200 Wavelength Meter Module                         |
| Wavelength range nm                   | 600 to 1700                                            |
| Absolute wavelength uncertainty       | +/-10 ppm (OEM OCS literature)                         |
| Absolute wavelength accuracy cited nm | +/-0.01                                                |
| Wavelength display resolution nm      | 0.001                                                  |
| Measured quantities                   | central wavelength and total power                     |
| Platform                              | IQ-200 Optical Test System                             |
| Compatible mainframes                 | IQ-203 / IQ-200 family                                 |
| Connector code                        | FC/UPC Universal Interface                             |
| Interface family                      | EXFO EUI removable adapters                            |
| Product family sibling                | IQ-5320 Multi Wavelength Meter                         |
| Use in OCS                            | IQ-12002 Optical Calibration System wavelength path    |
| Fiber type typical                    | singlemode                                             |
| Operating context temperature typical | 23 +/-1 C recommended reference                        |
| Warm up guidance                      | 15 minutes minimum; 1 hour recommended in OCS docs     |
| Form factor                           | single IQ module slot (confirm faceplate)              |
| Control                               | IQ-200 Windows host software                           |
| Alias                                 | IQ5310; IQ-5310                                        |
| Product status                        | discontinued (OEM discontinued sheet dated about 2011) |
| Related modules                       | IQ-1100 power meters; IQ-2100 sources                  |
| Display resolution power              | depends on host power path; wavelength primary         |
| Calibration role                      | source central wavelength verification                 |
| Spectral coverage bands               | visible throughLband to 1700 nm                        |

| PARAMETER                    | VALUE                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordering suffix meaning      | -89 = FC/UPC connector Notes Verified from EXFO IQ-200 catalog listing and IQ-12002 OCS documentation citing IQ-5310 600-1700 nm and +/-10 ppm / +/-0.01 nm. Full standalone IQ-5310 OEM table is scarce; confirm faceplate connector and host firmware. Do not confuse with IQS-5320 multi-wavelength meter (different platform and 1450-1650 nm table). |
| Wavelength range             | nm: 600 to 1700                                                                                                                                                                                                                                                                                                                                           |
| Absolute wavelength accuracy | cited nm: +/-0.01                                                                                                                                                                                                                                                                                                                                         |
| Fiber type                   | typical: singlemode                                                                                                                                                                                                                                                                                                                                       |

# 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
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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.