

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo IQ-1203 4-Channel Power Meter

The Exfo IQ-1203 is a 4-channel power meter designed for accurate and simultaneous measurement of optical power levels in fiber optic systems. It features high sensitivity, a wide dynamic range, and user-friendly interface, making it suitable for various applications including network installation, maintenance, and testing. The IQ-1203 supports multiple wavelength calibrations and offers data logging capabilities for comprehensive analysis.



MODEL

Exfo IQ-1203

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQ-1203

LISTING

<https://aumictechlabs.com/products/iq-1203-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo IQ-1203 is a four-channel optical power meter that enables simultaneous measurement of optical power levels across independent fiber optic channels. Part of the IQ-1200 series, it integrates with the IQ-203 mainframe and IQ-206 expansion units to form a modular optical test platform. Each of the four independent photodetectors supports multi-channel monitoring and multi-component testing, supplemented by a virtual channel for expanded data acquisition. The meter operates across the 800 nm to 1700 nm wavelength range and delivers measurement accuracy of ± 0.25 dB with linearity of ± 0.02 dB and resolution to 0.01 dB. Technical Specifications Channels: 4 independent optical channels plus virtual channel Wavelength Range: 800 nm to 1700 nm Measurement Range: -85 dBm to +9 dBm Detector Type: InGaAs; Silicon (Si), Germanium (Ge), and high-power Germanium (GeX) options available Accuracy: ± 0.25 dB Linearity: ± 0.02 dB

Resolution: 0.01 dB; wavelength resolution 1 nm Power Units: dB, dBm, Watts (pW, nW, μ W, mW)
Display Modes: Absolute, relative, and offset modes with offset nulling Warm-up Period: 20 minutes with offset nulling for specification compliance Operating Temperature: 0°C to 50°C
Dimensions: 220 mm $\times$ 115 mm $\times$ 55 mm Weight: 0.5 kg Key Features Multi-channel data acquisition with timed, conditional, and trigger-driven modes Offset nulling and reference power measurement capability Multiple connector support: FC, SC, ST, LC (adapters sold separately) USB interface; GPIB, RS-232, and Ethernet TCP/IP via SCPI commands available on compatible IQ-1200 interfaces Windows-based EXFO Optical Test System software control Standard and ISO/IEC 17025 accredited calibration available Typical Applications Laboratory characterization and field deployment of multi-wavelength optical systems; simultaneous power monitoring in WDM and parallel channel implementations.

IQ1203 Characteristics / Specifications

PARAMETER	VALUE
Model	IQ-1203
Number Of Channels	4
Series Family	IQ-1200 four-channel power meters
Platform	IQ-200 Optical Test System
Host Control Units	IQ-203 and IQ-206 expansion
Function	multi-channel optical power measurement
Display Units	dBmWdB relative
Remote Control	IQ-200 software OLE/OCX LabVIEW GPIB
Module Form Factor	IQ single-slot class
Connector Interface	EXFO FOA interchangeable adapters
Related Single Channel Family	IQ-1100 power meters
Related High Speed Family	IQ-1600 high-speed power meters
Related Calibration Family	IQ-1500 calibration power meters
Operating Temperature	0 C to 40 C class IQ-200 ambient
Power	powered by IQ-200 mainframe
Fiber Type Class	singlemode and multimode per detector option
Wavelength Coverage Class	telecom bands per detector option
Power Resolution Class	0.001 dB class on IQ power meter family
Uncertainty Class	plus or minus 5 percent class on IQ power meter family
Linearity Class	plus or minus 0.015 dB class on IQ high-performance meters
Sampling Class	standard IQ-1200 acquisition rates
Size Class Module	IQ-200 single-slot envelope
Sibling Dual High Speed	IQ-1623
Fiber type	Class: singlemode and multimode per detector option

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 40 C class IQ-200 ambient
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Power	powered by IQ-200 mainframe
Fiber Type Class	singlemode and multimode per detector option
Wavelength Coverage Class	telecom bands per detector option
Power Resolution Class	0.001 dB class on IQ power meter family
Uncertainty Class	plus or minus 5 percent class on IQ power meter family
Linearity Class	plus or minus 0.015 dB class on IQ high-performance meters
Sampling Class	standard IQ-1200 acquisition rates
Size Class Module	IQ-200 single-slot envelope
Sibling Dual High Speed	IQ-1623 Notes From EXFO IQ-200 Optical Test System datasheet module list and IQ-1200 four-channel power meter family identity. Confirm exact detector type power range and calibrated wavelengths on the module datasheet and calibration certificate for the installed IQ-1203 code.

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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Model	IQ-1203
Number Of Channels	4
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Host Control Units	IQ-203 and IQ-206 expansion
Function	multi-channel optical power measurement
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Connector Interface	EXFO FOA interchangeable adapters
Related Single Channel Family	IQ-1100 power meters
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Related Calibration Family	IQ-1500 calibration power meters
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Fiber Type Class	singlemode and multimode per detector option
Wavelength Coverage Class	telecom bands per detector option
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Uncertainty Class	plus or minus 5 percent class on IQ power meter family
Linearity Class	plus or minus 0.015 dB class on IQ high-performance meters
Sampling Class	standard IQ-1200 acquisition rates
Size Class Module	IQ-200 single-slot envelope
Sibling Dual High Speed	IQ-1623
Notes	
From EXFO IQ-200 Optical Test System datasheet module list and IQ-1200 four-channel power meter family	

identity. Confirm exact detector type power range and calibrated wavelengths on the module datasheet and calibration certificate for the installed IQ-1203 code.

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.