

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo IQ-1600 High-Speed Power Meter Module

Aumictech offers NIST-traceable calibration and repair for the Exfo IQ-1600. Calibration covers detector responsivity at 850, 1310, 1490, 1550, and 1625 nm, absolute power accuracy, linearity across the full dynamic range, and reference power level. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common Exfo IQ-1600 faults: detector contamination, damaged FC/PC input port, display failure. Common repairs include detector port cleaning or replacement, display repair, and battery or capacitor replacement in older HP/Agilent/Keysight units. This Exfo IQ-1600 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Exfo IQ-1600 is (standard — pass/fail certificate and calibration sticker) or (full measured da



MODEL

Exfo IQ-1600

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQ-1600

LISTING

<https://aumictechlabs.com/products/iq-1600-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo IQ-1600 High-Speed Power Meter is engineered for precision and speed in optical power measurements. It features a broad wavelength range, high accuracy, and fast stabilization time. This power meter is essential for ensuring optimal performance and reliability in optical

communication systems. It supports various connector types and measurement modes, making it versatile for diverse testing requirements.

IQ1600 Characteristics / Specifications

PARAMETER	VALUE
Detector Type	InGaAs
Detector Size Standard	1 mm
Wavelength Range	800 to 1700 nm
Power Range Standard	9 to minus 85 dBm
Uncertainty	plus or minus 5 percent (0 dBm to minus 55 dBm)
Linearity	plus or minus 0.015 dB (0 dBm to minus 55 dBm)
Power Resolution	0.001 dB (9 dBm to minus 40 dBm)
Wavelength Resolution	0.01 nm
Stabilization Automatic Full Range	less than 12 ms
Stabilization Fixed Range	less than 1 ms
Sampling Fast Acquisition	up to 4096 samples/s/channel
Sampling Continuous Mode	up to 256 samples/s/channel
Low PDR Option	plus or minus 0.005 dB
Wide Area Detector Size	3 mm
Wide Area Power Range	8 to minus 75 dBm
Fiber Type	5/125 to 62.5/125 um
External Trigger	0 to 5 V TTL
Module Size HxWxD Class	125 mm x 36 mm x 282 mm
Module Weight Class	0.7 kg
Operating Temperature	0 C to 40 C
Relative Humidity	0 percent to 80 percent non-condensing
Remote Control	GPiB Ethernet RS-232 via platform
Humidity	0 percent to 80 percent non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 40 C
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Humidity	0 percent to 80 percent non-condensing
Relative Humidity	0 percent to 80 percent non-condensing
Remote Control	GPIB Ethernet RS-232 via platform Notes From EXFO IQS-1600 series datasheet SPIQS1600/1700/OHS1700.6AN. IQ-generation IQ-1600 modules share this optical family; confirm channel count and PL/W detector options on the module faceplate and calibration certificate.

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.