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Data Sheet

August 14, 2026

EXFO

Exfo IQS-610P Integrated Qualification System

The Exfo IQS-610P Integrated Qualification System is a modular platform designed for comprehensive fiber optic testing. It supports a wide range of test modules for insertion loss, ORL, CD/PMD, and spectral characterization, ensuring high performance and flexibility in optical network qualification.



MODEL Exfo IQS-610P	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU IQS-610P	LISTING https://aumictechlabs.com/products/iqs-610p-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo IQS-610P is a modular, PC-based platform for comprehensive fiber optic testing and network qualification. This central workstation integrates test automation with remote access and control capabilities, supporting optical, transport, and datacom applications across design and manufacturing environments. The system minimizes manual intervention while delivering accurate, repeatable results through test automation and multiple connectivity options. Technical Specifications Processor: Intel Core II, 2.12 GHz Memory: 2 GB RAM Storage: 160 GB or 500 GB hard drive options Operating System: Windows Embedded for Point of Service Ver. 1.1, Windows XP, or Windows 8.1 Pro Software: IQS Manager Ver. 2.0.0.616 (Service Pack 1) Module Capacity: Houses up to 10 test modules; expansion units support up to 90 additional modules via daisy-chaining Data Protection: Optional RAID 1 configuration for increased performance and data reliability High-Speed Models: "-HS" variants support faster module communication Key Features

Rackmount form factor with minimal space requirements Multi-user Ethernet-based sharing reduces equipment footprint and capital expenditure Customizable access levels with administrator-controlled configuration rights Remote access via Java, Virtual Network Computing (VNC), Remote Desktop, and Web browser Optional remote GPIB control for external device integration RS-232, ActiveX, and .NET protocol support External device port connectivity for monitors, keyboards, mice, printers, and specialized peripherals Compatible with Windows-based bar code readers, foot pedals, and PCI data acquisition cards Compatibility & Integration Open architecture supports Windows-compatible software, LabVIEW™, and protocol scripts. Full compatibility with Microsoft .NET "T&M Programmers' Tool Kit" enables custom application development. Wide range of interchangeable test modules available for optical, transport, and datacom applications. System operates with consistent fan speed across controller and expansion units; module specifications are based on maximum fan speed, with lower speeds potentially increasing measurement uncertainty.

IQS610P Characteristics / Specifications

PARAMETER	VALUE
Model	IQS-610P
Module Slots	10
CPU	industrial motherboard dual-core processor
Memory	2 GB RAM
Ethernet	dual 10/100/1000 Base-T
USB Ports	6
Serial Port	RS-232
Parallel Port	yes
External Monitor Port	yes
External Keyboard Mouse	yes
EXFO Bus	EXFO Bus III output
Storage HDD Minimum	160 GB
Optical Drive	internal DVD+RW
Power	100 to 240 V 50/60 Hz 550 VA
Size HxWxD	177 mm x 439 mm x 495 mm
Weight Class	about 16.5 kg (36.3 lb class per OEM table)
Operating Temperature	0 C to 40 C
Storage Temperature	minus 40 C to 70 C
Relative Humidity	0 percent to 80 percent non-condensing at 40 C
Expansion Units Supported	up to nine IQS-610E
IQS 610E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules with expansions
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
Ordering RAID Option	RHD RAID 1 second hard disk
Ordering GPIB Option	I3 GPIB master/slave card

PARAMETER	VALUE
Software	IQS Manager
Humidity	0 percent to 80 percent non-condensing at 40 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to 70 C
Operating temperature	0 C to 40 C
Operating Temperature	0 C to 40 C
Humidity	0 percent to 80 percent non-condensing at 40 C
Relative Humidity	0 percent to 80 percent non-condensing at 40 C
Expansion Units Supported	up to nine IQS-610E
IQS 610E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules with expansions
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
Ordering RAID Option	RHD RAID 1 second hard disk
Ordering GPIB Option	I3 GPIB master/slave card
Software	IQS Manager Notes From EXFO IQS-600 Integrated Qualification System datasheet for IQS-610P controller (including -HS revisions with same envelope). Confirm RAM HDD OS and GPIB/RAID options on the configuration label.

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
Model	IQS-610P
Module Slots	10
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Memory	2 GB RAM
Ethernet	dual 10/100/1000 Base-T
USB Ports	6
Serial Port	RS-232
Parallel Port	yes
External Monitor Port	yes
External Keyboard Mouse	yes
EXFO Bus	EXFO Bus III output
Storage HDD Minimum	160 GB
Optical Drive	internal DVD+RW
Power	100 to 240 V 50/60 Hz 550 VA
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Expansion Units Supported	up to nine IQS-610E
IQS 610E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules with expansions
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
Ordering RAID Option: RHD RAID 1 second hard disk	
Ordering GPIB Option: I3 GPIB master/slave card	
Software: IQS Manager	

Notes

From EXFO IQS-600 Integrated Qualification System datasheet for IQS-610P controller (including -HS revisions with same envelope). Confirm RAM HDD OS and GPIB/RAID options on the configuration label.

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.