

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo IQS-510P-N10-G1 Intelligent Test System Control Unit with 10 Slots

The Exfo IQS-510P-N10-G1 is an Intelligent Test System Control Unit designed for industrial test environments, featuring 10 module slots and built on industrial PC architecture. This platform provides centralized control and data acquisition for modular test instrumentation, with native support for remote automation and integration into complex test systems. Aumictech offers NIST-traceable calibration and repair for the Exfo IQS-510P-N10-G1. Calibration covers analog input channel accuracy and offset at all gain settings, analog output accuracy, digital I/O logic threshold verification, sample rate and timing accuracy, and trigger and synchronization bus functional verification. NI CompactRIO and PXI chassis also undergo backplane trigger line integrity check.. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common Exfo



MODEL

Exfo IQS-510P-N10-G1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQS-510P-N10-G1

LISTING

<https://aumictechlabs.com/products/iqs-510p-n10-g1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo IQS-510P-N10-G1 is an Intelligent Test System Control Unit designed for industrial test environments, featuring 10 module slots and built on industrial PC architecture. This platform provides centralized control and data acquisition for modular test instrumentation, with native

support for remote automation and integration into complex test systems. Technical Specifications
Processor: Industrial Pentium III Memory: 256 MB standard (N10 designation); 512 MB available
with N12 option Operating System: Microsoft Windows 2000 Professional Software: IQS-Manager
v1.4.0.173 Module Slots: 10 single-slot positions Operating Temperature: 0 °C to 40 °C Storage
Temperature: -40 °C to 70 °C Relative Humidity: 0 % to 80 % non-condensing at 40 °C Key
Features Scalability & Expansion: The IQS-510P-N10-G1 scales to control up to 100 single-slot
modules through integration with up to nine IQS-510E Expansion Units via EXFO Bus II
interconnect. Connectivity: Standard 10/100 Base-T Ethernet and RS-232 serial interfaces enable
network deployment and legacy system integration. Optional IEEE 488.2 GPIB support
accommodates existing instrument ecosystems. Remote Control & Automation: Native
ActiveX/DCOM and SCPI command support enables programmatic control via LabVIEW drivers or
custom application development. The controller can manage other IQS-500 controllers over
Ethernet networks and function as a GPIB or RS-232 system manager. Physical Options: Optional
1U rack-mountable screen/keyboard combo (GP-3005) enables space-efficient deployment in
standard 19-inch racks. Compatibility & Integration Fully compatible with IQS-510E Expansion
Units and single-slot modules. Backward-compatible with IQ-200 Optical Test System modules on
the IQS-500 platform. Supports LabVIEW integration via ActiveX/DCOM (remote) and
ActiveX/COM (local) libraries with SCPI protocol support for vendor-neutral automation.

IQS510PN10G1 Characteristics / Specifications

PARAMETER	VALUE
Queue Ordering Code	N10-G1
Model Family	IQS-510P
CPU	Industrial Pentium III 866 MHz
Memory Standard	256 MB
Memory Optional	512 MB
Hard Drive Minimum	40 GB
Floppy Drive	3.5 in 1.44 MB
Optical Drive	internal CD-ROM CD-RW optional
Ethernet	10/100 Base-T
USB Ports	2
Serial Port	RS-232
Parallel Port	yes
External Monitor Port	yes
EXFO Bus	EXFO bus II output
Module Slots	10
Power	110-120/210-240 VAC 50/60 Hz
Size HxWxD	17.7 cm x 43.9 cm x 49.5 cm
Weight	16.6 kg
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
Operating System	Windows 2000 Professional
Expansion Units Supported	up to nine IQS-510E
IQS 510E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules

PARAMETER	VALUE
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
Humidity	0 percent to 80 percent non-condensing at 40 C

IQS510PN10G1 Specifications

PARAMETER	VALUE
Ten module slots in the control chassis	Industrial Pentium III platform with Windows 2000 Professional
IQS Manager local and remote software	Backward compatible with many IQ-200 modules
Technical Specifications	Queue Ordering Code: N10-G1

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
Operating System	Windows 2000 Professional
Expansion Units Supported	up to nine IQS-510E
IQS 510E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX Notes From EXFO IQS-500 Intelligent Test System datasheet SPIQS500.5AN. Confirm memory GPIB and CD options from ordering codes N10 G1/G2 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	
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Queue Ordering Code	N10-G1
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Hard Drive Minimum	40 GB
Floppy Drive	3.5 in 1.44 MB
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Ethernet	10/100 Base-T
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Parallel Port	yes
External Monitor Port	yes
EXFO Bus	EXFO bus II output
Module Slots	10
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Operating System	Windows 2000 Professional
Expansion Units Supported	up to nine IQS-510E
IQS 510E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX

Notes

From EXFO IQS-500 Intelligent Test System datasheet SPIQS500.5AN. Confirm memory GPIB and CD options from ordering codes N10 G1/G2 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.