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Data Sheet

August 14, 2026

EXFO

Exfo IQS-510P-N10-I3-G1 Intelligent Test System Control Unit with 10 Slots

The Exfo IQS-510P-N10-I3-G1 is an intelligent test system control unit built on industrial PC architecture for optical testing in laboratory and manufacturing environments. This 10-slot modular platform accommodates a variety of test modules, enabling flexible and scalable system configurations. The control unit runs Windows 2000 Professional on a Pentium III processor with 256 MB of standard memory, supports Ethernet 10/100 Base-T and RS-232 connectivity, and includes an optional GPIB interface for IEEE 488.2 compliance. Up to nine IQS-510E Expansion Units can be controlled by a single IQS-510P, allowing expansion to 100 total module slots. Module Slots: 10 (IQS-510P control unit); expandable to 100 with nine IQS-510E Expansion Units Optional GPIB card (I3) for IEEE 488.2 master/slave operation with SCPI command support Remote control via ActiveX/COM library, DCOM, or LabVIEW drivers



MODEL

Exfo IQS-510P-N10-I3-G1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQS-510P-N10-I3-G1

LISTING

<https://aumictechlabs.com/products/iqs-510p-n10-i3-g1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications Processor: Pentium III Operating System: Windows 2000 Professional Memory: 256 MB standard (N10 configuration) Module Slots: 10 (IQS-510P control unit); expandable to 100 with nine IQS-510E Expansion Units Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage Temperature: -40 °C to 70 °C (-40 °F to 158 °F) Relative Humidity: 0% to 80% non-condensing at 40 °C Key Features Ethernet 10/100 Base-T interface for LAN/WAN connectivity and remote control RS-232 standard port for remote control Optional GPIB card (I3) for IEEE 488.2 master/slave operation with SCPI command support IQS Manager software for data analysis and acquisition Remote control via ActiveX/COM library, DCOM, or LabVIEW drivers using SCPI commands over Ethernet, GPIB, or RS-232 Backward-compatible with IQ-200 Optical Test System modules Supports external monitor, mouse, and keyboard peripherals Optional 1U rack-mountable screen/keyboard combo (GP-3005) available Typical Applications This control unit is the central management platform for multi-module optical test systems in manufacturing, quality assurance, and laboratory environments where modular expansion and remote control integration are required. Compatibility & Integration The IQS-510P integrates into automated test setups through multiple control interfaces. Backward compatibility with IQ-200 Optical Test System modules ensures protection of existing module investments. GPIB support enables integration into instrument chains requiring IEEE 488.2 compliance.

IQS510PN10I3G1 Characteristics / Specifications

PARAMETER	VALUE
Queue Ordering Code	N10-I3-G1
Model Family	IQS-510P
Interface Code	I3
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

PARAMETER	VALUE
Maximum Modules Class	up to 100 single-slot modules
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
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
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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 I3 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-I3-G1
Model Family	IQS-510P
Interface Code	I3
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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
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Relative Humidity	0 percent to 80 percent non-condensing at 40 C
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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

Notes

From EXFO IQS-500 Intelligent Test System datasheet SPIQS500.5AN. Confirm memory GPIB and CD options from ordering codes N10 I3 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.