


Aumictech

Test & measurement • bought, sold, repaired, calibrated

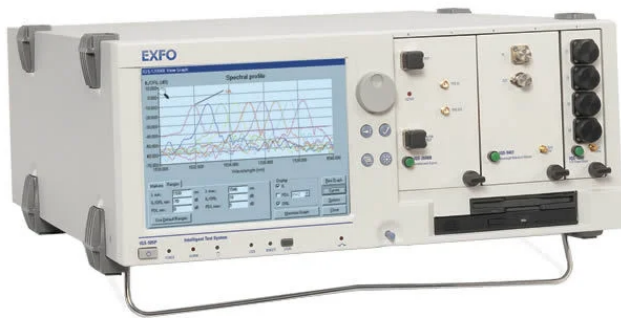
Data Sheet

August 13, 2026

EXFO

Exfo IQS-500 Intelligent Test System

The EXFO IQS-500 Intelligent Test System is a modular test platform built to manage multiple EXFO test modules for optical and transport networks. It provides high flexibility and centralized control for lab and field testing.



MODEL

Exfo IQS-500

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQS-500

LISTING

<https://aumictechlabs.com/products/iqs-500-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO IQS-500 Intelligent Test System is a modular platform for optical and transport network analysis in laboratory and field environments. Built on industrial PC architecture with Pentium III processing, it hosts up to 100 test modules and scales from 5 to 10 module slots per controller, with expansion capability via successive IQS-510E units. The system runs EXFO's IQS Manager software on Windows 2000 Professional and maintains backward compatibility with IQ-200 Optical Test System modules, protecting existing capital equipment investments.

Technical Specifications
 Control Units: IQS-505P (5 module slots, 8.4-inch TFT touchscreen) or IQS-510P (10 module slots, optional 1U rack-mountable screen/keyboard)
 Processor: Industrial Pentium III
 Maximum Module Capacity: 100 modules across primary controller and up to nine IQS-510E expansion units
 Operating System: Microsoft Windows 2000 Professional
 Connectivity: Ethernet (10/100 Base-T), RS-232, optional GPIB
 Key Features: Modular Architecture: Supports power meters, light sources, optical component analyzers, and transport/network test modules

Backward Compatibility: IQ-200 generation modules integrate directly into IQS-500 platform

Scalable Expansion: Single controller manages up to nine expansion units without additional

processing overhead Local and Remote Operation: Integrated touchscreen for benchtop use;

Ethernet and GPIB enable remote automation and data acquisition Local Processing Capability:

Applications run directly on controller hardwareTypical Applications Optical power measurement

and characterization Wavelength analysis and source validation Return loss and polarization state

verification SONET/SDH and PDH electrical transport testing Ethernet and packet-layer network

diagnosticsCompatibility & Integration The IQS-500 platform accommodates EXFO IQS-series

modules including calibration and high-speed power meters, tunable and broadband light

sources, variable attenuators, wavelength meters, and transport test modules. RS-232, Ethernet,

and GPIB interfaces enable direct integration into automated production and laboratory

environments.

Features & description

From manufacturer datasheet

Features

- 5 module slots with integrated touchscreen
- Industrial Pentium III 866 MHz controller
- Windows 2000 Professional / IQS Manager
- 8.4-inch 800×600 TFT touchscreen + scroll knob
- Optional GPIB master/slave networking
- Controls up to nine IQS-510E expansion units
- Backward compatible with many IQ-200 modules
- 19-inch rack-mountable chassis

Applications

- Modular optical T&M production racks
- Desktop local-control IQS module hosting
- GPIB/Ethernet/RS-232 automated test systems
- Expansion to high module counts via IQS-510E
- LabVIEW / ActiveX / SCPI remote automation

IQS500 Characteristics / Specifications

PARAMETER	VALUE
Model	IQS-505P-N10-I3-G1
Manufacturer	EXFO
Instrument Type	Intelligent Test System Control Unit
Alias	IQS-505P; IQS-505P-N10-I3-G1
Module slots	5
CPU	Industrial Pentium III 866 MHz
Memory N	256 MB (512 MB optional N12)
GPIB option I	GPIB card installed
Optical drive G	CD-ROM
Display	8.4 in touchscreen 800×600 color TFT
Ethernet	10/100 Base-T
USB ports	2
Serial	RS-232
Parallel port	yes
External monitor port	yes
External keyboard/mouse	yes
EXFO bus	Bus II output
Hard drive	40 GB minimum
Floppy	3.5 in 1.44 MB
Power	110–120 / 210–240 VAC 50/60 Hz
Dimensions	17.7 cm x 43.9 cm x 49.5 cm
Weight	16.5 kg
Operating temperature	0 °C to 40 °C
Storage temperature	–40 °C to 70 °C
Relative humidity	0 % to 80 % non-condensing at 40 °C

PARAMETER	VALUE
Operating system	Windows 2000 Professional
Software	IQS Manager
Remote control	Ethernet ActiveX/DCOM; GPIB SCPI; RS-232 SCPI
Drivers	LabVIEW; ActiveX/COM
Max modules with expansion	up to 100
Expansion units supported	up to 9 × IQS-510E Notes Specs from EXFO IQS-500 / IQS-505P datasheet and Artisan configuration notes for N10-I3-G1. Confirm installed RAM, GPIB presence, CD vs CD-RW, and OS image on the specific unit.
Humidity	0 % to 80 % non-condensing at 40 °C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	−40 °C to 70 °C
Operating temperature	0 °C to 40 °C
Operating Temperature	0 °C to 40 °C
Humidity	0 % to 80 % non-condensing at 40 °C
Relative humidity	0 % to 80 % non-condensing at 40 °C
Operating system	Windows 2000 Professional
Software	IQS Manager
Remote control	Ethernet ActiveX/DCOM; GPIB SCPI; RS-232 SCPI
Drivers	LabVIEW; ActiveX/COM
Max modules with expansion	up to 100
Expansion units supported	up to 9 × IQS-510E Notes Specs from EXFO IQS-500 / IQS-505P datasheet and Artisan configuration notes for N10-I3-G1. Confirm installed RAM, GPIB presence, CD vs CD-RW, and OS image on the specific unit.

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-505P-N10-I3-G1
Manufacturer	EXFO
Instrument Type	Intelligent Test System Control Unit
Alias	IQS-505P; IQS-505P-N10-I3-G1
Module slots	5
CPU	Industrial Pentium III 866 MHz
Memory N10	256 MB (512 MB optional N12)
GPIB option I3	GPIB card installed
Optical drive G1	CD-ROM
Display	8.4 in touchscreen 800x600 color TFT
Ethernet	10/100 Base-T
USB ports	2
Serial	RS-232
Parallel port	yes
External monitor port	yes
External keyboard/mouse	yes
EXFO bus	Bus II output
Hard drive	40 GB minimum
Floppy	3.5 in 1.44 MB
Power	110-120 / 210-240 VAC 50/60 Hz
Dimensions	17.7 cm x 43.9 cm x 49.5 cm
Weight	16.5 kg
Operating temperature	0 °C to 40 °C
Storage temperature	-40 °C to 70 °C
Relative humidity	0 % to 80 % non-condensing at 40 °C
Operating system	Windows 2000 Professional

PARAMETER	VALUE
Software	IQS Manager
Remote control	Ethernet ActiveX/DCOM; GPIB SCPI; RS-232 SCPI
Drivers	LabVIEW; ActiveX/COM
Max modules with expansion	up to 100
Expansion units supported	up to 9 × IQS-510E

Notes
Specs from EXFO IQS-500 / IQS-505P datasheet and Artisan configuration notes for N10-I3-G1. Confirm installed RAM, GPIB presence, CD vs CD-RW, and OS image on the specific unit.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.