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Find the *Exfo IQ-206* at our website: ***Click HERE***

EXFO

Flexibility

invites you

Compatibility

into the world

Integration

of IQ



EXFO

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EXFO welcomes you to the world of IQ, a completely new approach to integrated optical measurements.

Demanding laboratory and manufacturing environments require the latest in fiber-optic test equipment. EXFO's engineering team has designed the IQ-200 Optical Test System which suits these needs and offers an ever-widening range of component testing applications.

The IQ-200 Optical Test System includes the IQ-203 Mainframe, the IQ-206 Expansion Unit, and a variety of plug-in modules. Together, these modules can perform numerous optical measurements in a multi-tasking environment. In addition, the system offers innovative ways to analyze test results and is GPIB compatible. The IQ-200 is ideal for both manufacturing component testing and laboratory engineering, research and qualification applications.

VisualIQ applications are an integral part of the IQ-200 Optical Test System. The complete automation of the applications and the step-by-step procedures contribute to the user-friendliness of the system. Whether you need a generic application or a custom-designed solution, EXFO's engineering team will help you find the right application to reduce your testing time and increase your productivity.

In stand-alone configurations, or as part of an existing system, the IQ-200 Optical Test System combines advanced fiber-optic technology with cutting edge PC power to form a complete, cost-effective turnkey test system. EXFO is setting new standards of excellence with the revolutionary IQ integrated system.

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IQ-200 Test System Building Blocks

The IQ-200 Optical Test System is a revolutionary product line featuring the following distinctive strengths:

- The widest selection of interchangeable modular instruments
- The most advanced fiber-optic testing technology
- The largest expansion capacity from simple to highly sophisticated setups
- Ease of integration with third party instruments and central computers
- The power of computer control

Designed around a standard PC architecture, the IQ-200 Optical Test System provides a modular platform for both simple and elaborate test solutions. The building block concept of the system offers you unlimited flexibility in designing your own test system. In addition to the modular instruments, the IQ-200 Optical Test System offers unmatched integration capabilities with the IQ-SDK Software Development Kit or LabVIEW VISA drivers along with standard IEEE-488.3 (GPIB) and innovative OLE/OCX communication links.

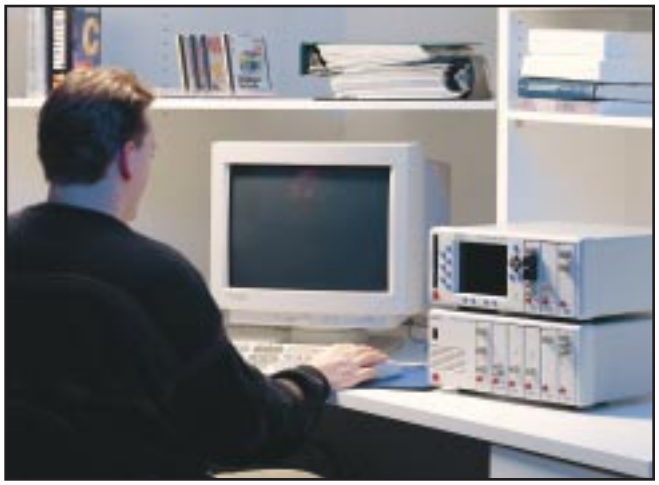


IQ-203 Pentium MMX Mainframe - 3 slots
- GPIB Device or Controller
- RS-232 Device or Controller



IQ-206 Expansion Unit - 6 slots
- connects to IQ-203 or standard PC

- IQ-1100 Power Meter
- IQ-1200 4-Channel Power Meter
- IQ-1500 Calibration Power Meter
- IQ-2100 Light Source
- IQ-2300 ASE Broadband Source
- IQ-2400 WDM Laser Source
- IQ-2600 Tunable Laser Source
- IQ-3100 Variable Attenuator
- IQ-3200 Return Loss Meter
- IQ-3300 Variable Reflector
- IQ-3400 PDL/OL Analyzer
- IQ-5100 Polarization Controller
- IQ-5200 Optical Spectrum Analyzer
- IQ-5300 Wavelength Meter Series
- IQ-5500 PMD Multi-Analyzer
- IQ-6100 EDFA
- IQ-7100 OTDR Series
- IQ-9100 Fiber-Optic Switch
- IQ-9600 Utility Module
- IQ-SDK Software Development Kit
- and more



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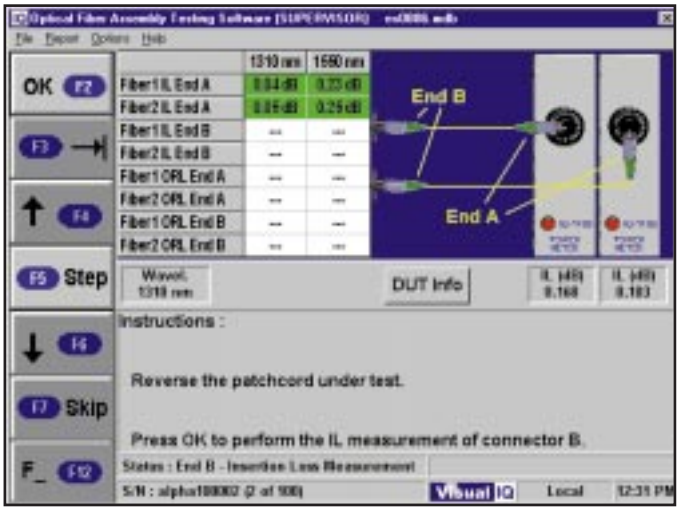
Much More Than Any Other Fiber-Optic Test System

System Automation Made Easy

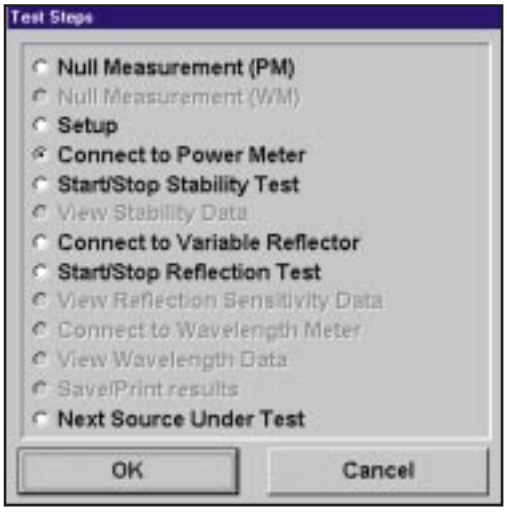
Visual IQ

The Visual IQ Software Applications are an important addition to EXFO's modular IQ-200 Optical Test System. These easy-to-use applications integrate the operation of numerous test and measurement instruments and provide an automated turnkey approach for cost-efficient testing of active and passive components, and sub-assemblies.

Whether you are looking for a turnkey test system or a custom-designed application, EXFO's engineers will help you find the right Visual IQ application to reduce your testing time and increase overall productivity.



Typical setup for components under test using the IQ-12001 Optical Fiber Assembly Test system



Typical Visual IQ step by step procedure

The Remarkable Benefits of the Software Applications

- User-friendly and intuitive Windows environment with step-by-step procedures
- Database storage of all detailed information about each device under test
- Report generation with data tables and graphs
- Error elimination
- Network compatibility
- Report and label printing
- Standards traceability

Turnkey Software Application Packages

- IQ-12001 Optical Fiber Assembly Test System
- IQ-12002 Optical Calibration System
- IQ-12003 Environmental Test System
- IQ-12004 WDM Passive Component Test System
- IQ-12005 Optical Amplifier Test System

IQ-SDK Software Development Kit

The IQ-SDK is a collection of powerful programming tools to help engineers and technicians develop efficient integrated fiber-optic test and measurement applications using the IQ-200 Optical Test System.

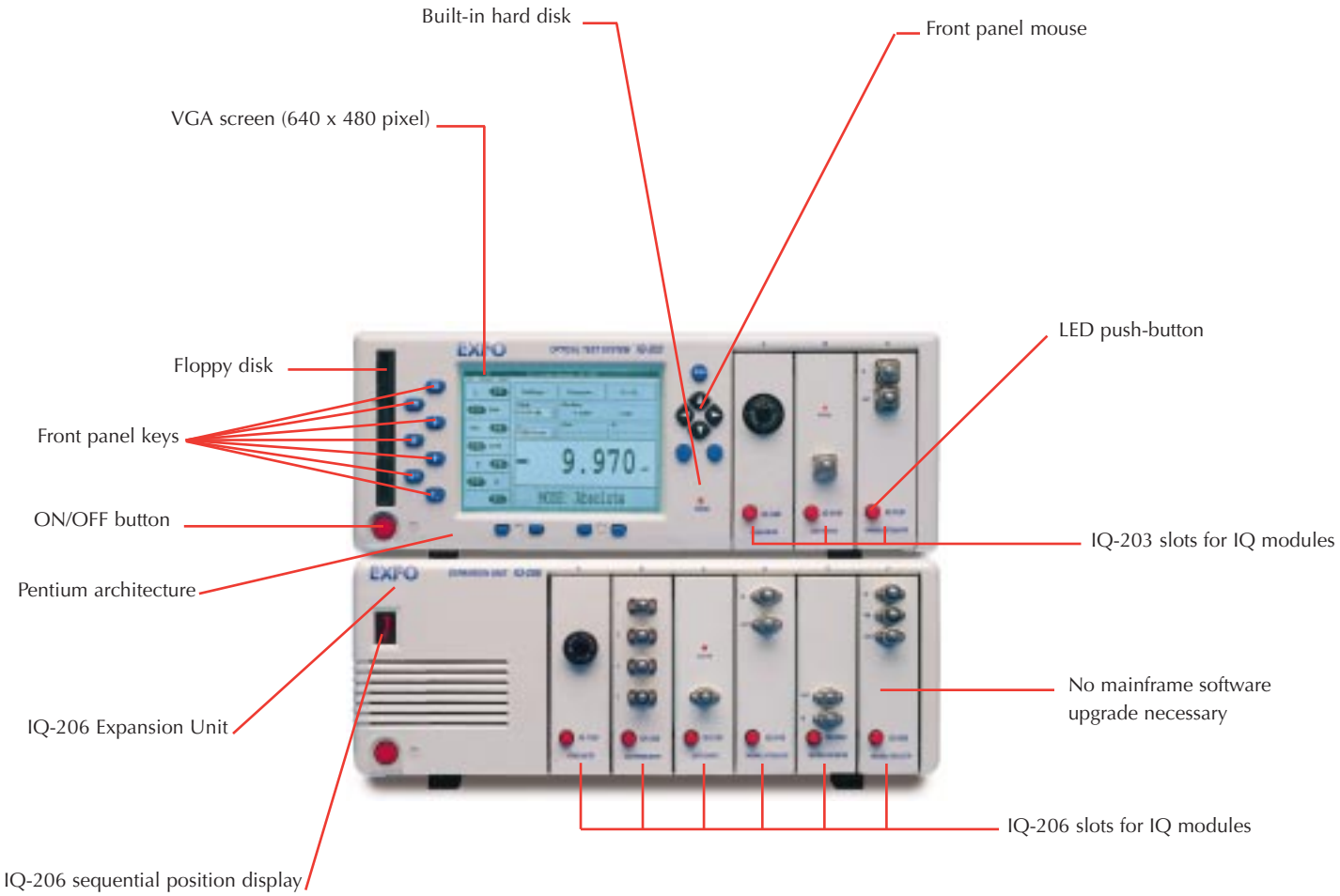
Custom Visual IQ Applications

In addition to our off-the-shelf turnkey applications, EXFO provides custom-engineered software that integrates testing procedures with IQ modules and other brand-name instruments as user-friendly as our standard Visual IQ Software Applications.

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Built-in Intelligence

The IQ offers integrated flexibility and compatibility within a user-friendly environment.



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A Powerful Mix of Flexibility,

Choose the configuration that best suits your needs:

- stand-alone configuration
- IQ-206 Expansion Card configuration
- RS-232 communication
- GPIB controller configuration
- GPIB device configuration
- network connectivity

Stand-alone Configuration

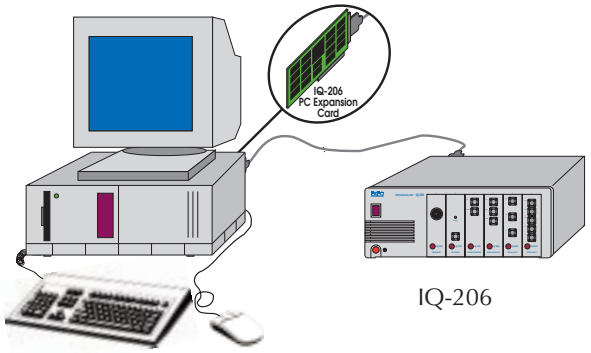
If you are looking for a stand-alone system incorporating high-performance test instruments with the ability to automate your tests and analyze data, the IQ-200 Optical Test System is the solution. It coordinates data compilation and analysis from a variety of test instruments and manufacturers.

With a completely independent setup for various optical measurement tests, this system can integrate up to 27 inter-linked test modules all working in parallel.

The IQ concept: complete and corresponding to your needs.

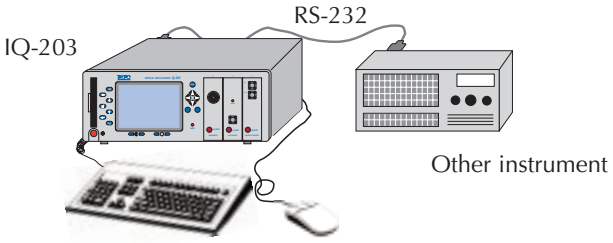
IQ-206 Expansion Card Configuration

The IQ system's flexibility adapts to fit your budget. For example, the IQ-206 Expansion Card will let you use any IQ modules without the IQ-203 Mainframe.



RS-232 Communication

The IQ-203 can control external instruments having RS-232 communication capability. This is a cost-effective approach when one external instrument needs to be integrated with the test system. The IQ-203 may also be controlled by another IQ-203 or by any computer provided with an RS-232 communication link.

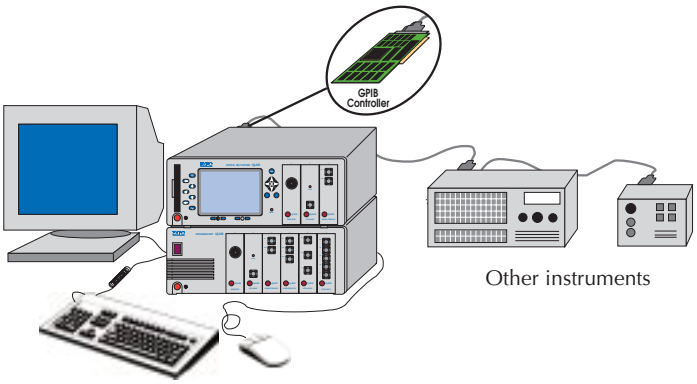


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Compatibility, and Integration!

GPIB Controller Configuration

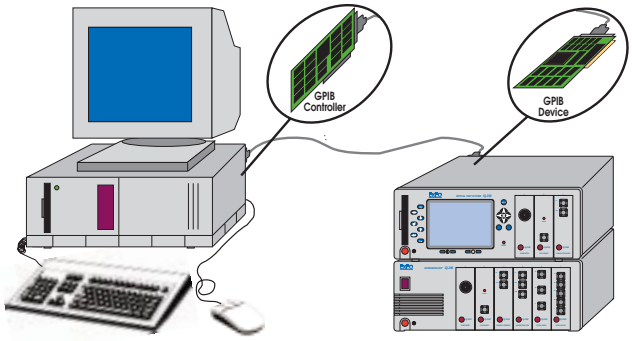
When your setup has numerous test instruments, a GPIB controller card can be installed in the IQ-203. While the IQ-203 takes control of IQ test modules, the operation of the external instruments can also be automated to provide ease-of-use and speed. LabVIEW and LabWindows/CVI software can be used with the IQ system to offer a flexible solution to complex test challenges.



IQ-203 & IQ-206 with external keyboard, mouse, and VGA monitor

GPIB Device Configuration

The IQ-200 and its test modules will adapt easily to your existing system. Inserting a GPIB card directly into the mainframe will let you benefit from the added value of the IQ concept, while maintaining your own lab configuration.



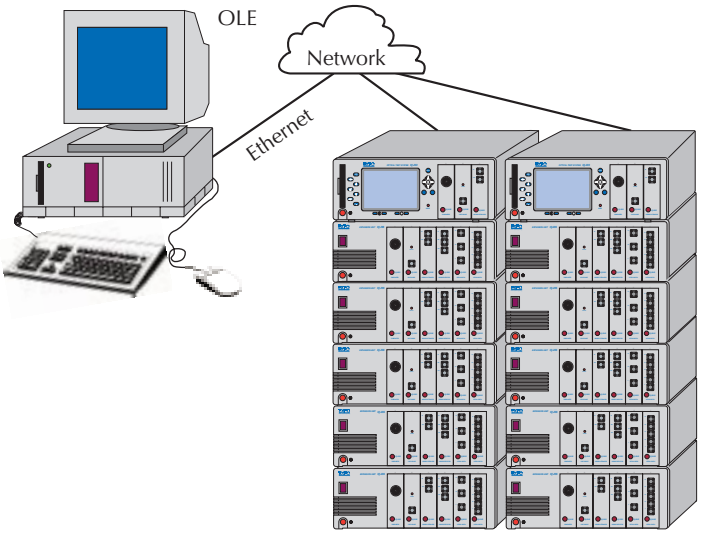
GPIB/Controller

IQ-203 & IQ-206

Network Connectivity

The networking capability of the IQ system increases the possible test solutions to an unlimited horizon. From remote access with a computer to local use of an unlimited number of modules, a network connection broadens the application possibilities. The network communication protocol allows transparent connection of multiple IQ-200 systems.

Network Connectivity



To find the best configuration for your testing application, please contact your EXFO representative.

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IQ-203 Operating Specifications

CPU		Pentium 200 MHz MMx	
RAM		32 MB	
Hard Disk Drive		Windows 95™ >2 GB	
Power		100 VA at 115/230 VAC (50/60 Hz)	
Fuse		250 V, 3 A fast blow	
Dimensions (H x W x D)		14.5 x 36 x 30.5 cm 5¾ x 14¼ x 12 in.	
LCD (VGA) Monitor (H x W)		9 x 12.5 cm 3½ x 5 in.	
Resolution		640 x 480 pixels	
External monitor resolution		1024 x 768 pixels	
Weight		5.3 kg	11.7 lb
Temperature	operating	0° to 50°C	32° to 122°F
	storage	-20° to 60°C	-4° to 140°F
Relative humidity		≤80% non-condensing	
Standard PS2 mouse, 3AT expansion slots, parallel port, connector for external SVGA monitor, serial port			

IQ-206 Operating Specifications

Power		175 VA at 115/230 VAC (50/60 Hz)	
Fuse		250 V, 5 A fast blow	
Dimensions (H x W x D)		14.5 x 36 x 30.5 cm 5¾ x 14¼ x 12 in.	
Weight		3.5 kg	7.7 lb
Temperature	operating	0° to 55°C	14° to 131°F
	storage	-40° to 70°C	-40° to 158°F
Relative humidity		≤95% non-condensing	

IQ-200 System Options

	IQ-203 Mainframe Unit		IQ-206 Expansion Unit
N6[1]	Additional memory: 32 MB (total of 64 MB)	E1	PC-206 expansion card[2] with 2½ ft. cable
N8[1]	Additional memory: 96 MB (total of 128 MB)	E2	PC-206 expansion card[2] with 5 ft. cable recommended
I1[1]	GPIB device card	RK	19-inch rack-mount kit
I2[1]	GPIB controller card	C1	Carrying case
K1	External keyboard (GP-215)	LV	LabVIEW Drivers
RK	19-inch rack-mount kit		
X1[1]	Fax/modem card		
RM	Remote kit (including 25, 50, or 100 ft. cable)		
RS[1]	Additional RS-232 port on request		
C1	Carrying case		
LV	LabVIEW Drivers		

Notes:
1 These options must be specified at ordering time.
2 Minimum CPU requirements: 486 DX with 16 MB, Windows 95

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For more information,
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CORPORATE HEADQUARTERS 465 Godin Avenue, Vanier, QC, G1M 3G7, Canada, Tel.: 418-683-0211, Fax: 418-683-2170
EXFO AMERICA 903 North Bowser, Suite 360, Richardson, TX 75081, USA, Tel.: 1-800-663-EXFO, Fax: (972) 907-2297
EXFO EUROPE Centre d'Affaires-Les Metz, 100, rue Albert Calmette, 78353 Jouy-en-Josas, France, Tel.: +33 1 34 63 00 20, Fax: +33 1 34 65 90 93

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