

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo X-Cite XI120 Fluorescence Illumination System

The Exfo X-Cite XI120 is a 120-watt fluorescence illumination system designed for fluorescence microscopy applications. It provides intense and uniform illumination across a wide spectral range, ensuring optimal excitation of fluorophores. The system features a long-life lamp, adjustable light intensity, and compatibility with various microscope models, making it a versatile tool for research and diagnostic purposes.



MODEL

Exfo XI120

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

XI120

LISTING

<https://aumictechlabs.com/products/xi120-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo X-Cite XI120 is a 120 W fluorescence illumination system delivering high-intensity, uniform illumination for microscopy-based research, diagnostics, and imaging applications. Equipped with a proprietary 120 W metal halide short arc lamp and Intelli-Lamp technology, the system provides extended lamp life to 2000 hours typical operation with consistent spectral output across a rich, broad spectrum that exceeds conventional mercury arc lamps. The XI120 warm-up period is approximately 90 seconds, enabling rapid deployment. Safety interlocks prevent accidental UV exposure, while specimen-level thermal isolation eliminates heat transfer to samples. Technical Specifications Light source: 120 W metal halide short arc lamp Lamp life: 2000 hours typical and guaranteed Warm-up time: ~90 seconds Spectral output: Broad spectrum with

high excitation intensity, exceeding conventional mercury arc performance Illumination field: Uniform across field of view Thermal design: No heat transfer to specimen Light guide: 3 mm liquid light guide; 1.5 m or 3 m lengths available Built-in shutter: 200 ms response time Built-in timer: Exposure control and photobleaching reductionKey Features Intelli-Lamp technology for extended operational life and stable output Pre-aligned lamp cartridge for simplified replacement RS-232 interface for automated control of iris, lamp, and timer functions Panel-mounted intensity adjustment and iris control Accumulated lamp usage and failure indicators with LED display (PC model) Optional foot pedal shutter control Universal input power supply (100–240 VAC, 50/60 Hz; 2.4–1.0 A) High-efficiency, switch-mode, constant power output with line isolationTypical Applications Fluorescence microscopy imaging Research-grade specimen excitation Diagnostic imaging workflows Multi-fluorophore excitation protocolsCompatibility & Integration The XI120 integrates with wide-field fluorescence microscopes from major manufacturers via standard microscope adapters and collimating optics. RS-232 computer control enables integration into automated imaging systems, with Mode, UP/DOWN adjustment, and START/STOP functions available on PC-configured units.

Features & description

From manufacturer datasheet

Features

- Ethernet testing up to 1GE (MAX-860 specific)

XI120 Characteristics / Specifications

PARAMETER	VALUE
Model	MAX-860
Manufacturer	EXFO
Instrument Type	Handheld Ethernet Network Tester
Series	MAX-800
Max Ethernet rate	1 Gbit/s
Electrical Ethernet port	1 x RJ45 10/100/1000BASE-T
Optical ports	2 x SFP up to 1 Gbit/s
Copper SFP support	10/100/1000BASE-T via copper SFP
EtherSAM	ITU-T Y.1564 yes
RFC 25	yes
EtherBERT	yes
Traffic generation monitoring	multistream yes
Smart Loopback	yes
Through mode	optional / supported
Dual port testing	optional / supported
IPv	optional
MPLS	optional
Cable test	yes (860/860G/880)
Display	8 in multitouch 1280 × 800 TFT
Processor RAM	quad-core / 8 GB
Operating system	Windows 10
Internal storage	128 GB flash
LAN maintenance port	RJ45 10/100/1000 Mbit/s
USB ports	1 x USB 3.0 and 2 x USB 2.0
Micro SD slot	yes

PARAMETER	VALUE
Headset jack	3.5 mm
SizeHxWxD	210 mm x 254 mm x 66 mm
Weight with battery	2.1 kg
Operating temperature	0 C to 40 C
Storage temperature	-40 C to 70 C
Relative humidity	0% to 95% non-condensing
Battery	rechargeable Li-ion smart battery
AC adapter input	100-240 V 50/60 Hz
AC adapter output	24 V 3.75 A
Tx accuracy electrical Ethernet ppm	+/-4.6 Notes Specs from EXFO MAX-800 Series OEM spec sheet for MAX-860. MAX-860G extends optical rates to 10GE; do not confuse models. Confirm licensed options (IPv6/MPLS/Through/dual-port) on the unit.
Humidity	0% to 95% non-condensing

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 95% non-condensing
Relative humidity	0% to 95% non-condensing
Battery	rechargeable Li-ion smart battery
AC adapter input	100-240 V 50/60 Hz
AC adapter output	24 V 3.75 A
Tx accuracy electrical Ethernet ppm	+/-4.6 Notes Specs from EXFO MAX-800 Series OEM spec sheet for MAX-860. MAX-860G extends optical rates to 10GE; do not confuse models. Confirm licensed options (IPv6/MPLS/Through/dual-port) on the 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	
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PARAMETER	VALUE
Model	MAX-860
Manufacturer	EXFO
Instrument Type	Handheld Ethernet Network Tester

Specifications	
PARAMETER	VALUE
Series	MAX-800
Max Ethernet rate	1 Gbit/s
Electrical Ethernet port	1 x RJ45 10/100/1000BASE-T

Specifications	
PARAMETER	VALUE
Optical ports	2 x SFP up to 1 Gbit/s
Copper SFP support	10/100/1000BASE-T via copper SFP
EtherSAM	ITU-T Y.1564 yes

Specifications	
PARAMETER	VALUE
RFC 2544	yes
EtherBERT	yes
Traffic generation monitoring	multistream yes

Specifications	
PARAMETER	VALUE
Smart Loopback	yes
Through mode	optional / supported
Dual port testing	optional / supported

Specifications

PARAMETER	VALUE
IPv6	optional
MPLS	optional
Cable test	yes (860/860G/880)

Specifications

PARAMETER	VALUE
Display	8 in multitouch 1280 x 800 TFT
Processor RAM	quad-core / 8 GB
Operating system	Windows 10

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AC adapter output: 24 V 3.75 A

Tx accuracy electrical Ethernet ppm: +/-4.6

Notes

Specs from EXFO MAX-800 Series OEM spec sheet for MAX-860. MAX-860G extends optical rates to 10GE; do not confuse models. Confirm licensed options (IPv6/MPLS/Through/dual-port) on the 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

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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.