

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo FOT-932X Tester Multifunction Loss Tester

The EXFO FOT-932X multifunction loss tester combines several key fiber testing capabilities into one device, including insertion loss, return loss, and power level measurements. Designed for technicians handling FTTx and broadband deployments, it ensures accurate fiber verification and simplifies testing through an intuitive interface and rugged, portable design.



MODEL

Exfo FOT-932X

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-932X

LISTING

<https://aumictechlabs.com/products/fot-932x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FOT-932X is a multifunction loss tester that integrates insertion loss, return loss, and optical power measurement into a single portable platform. Purpose-built for FTTx and broadband network deployments, it delivers the field-ready performance required for fiber optic network verification. The instrument combines precision measurement capability with an intuitive user interface and field-hardened construction, enabling technicians to characterize fiber integrity across modern communication infrastructure deployments. Technical Specifications Insertion loss measurement spans up to 70 dB with ± 0.1 dB accuracy and 0.01 dB resolution. Measurements are expressed in dB, %, absolute power (mW, dBm), and conform to EN 50377-1, IEC 61300-3-34, and TIA-568-C.3. Return loss measurement employs reflectometry with up to 60 dB range, ± 1 dB accuracy, and 0.1 dB resolution. The integrated optical power meter uses an InGaAs detector calibrated across 850, 1300, 1310, 1490, 1550, and 1625 nm. Power measurement range extends

from -60 dBm to +10 dBm with $\pm 5\%$ (± 0.2 dB) accuracy and 0.01 dBm resolution. Tone detection capability covers standard frequencies including 270 Hz, 1 kHz, and 2 kHz. Operating temperature range is -10°C to $+50^{\circ}\text{C}$; storage extends from -40°C to $+70^{\circ}\text{C}$. Humidity tolerance is 0% to 95% non-condensing. The unit features a rechargeable Li-ion battery pack with AC adapter mains operation and USB connectivity for data transfer and software updates. Internal memory or removable media (USB, SmartCard) provides data storage.

Key Features

- Configurable wavelength support: 850/1300/1310/1490/1550/1625 nm
- Graphical display with soft-key navigation
- Field-portable design with ruggedized enclosure
- Standards compliance: IEC, TIA, and local telecommunication requirements

Typical Applications

- FTTx network deployments
- Broadband infrastructure verification
- Fiber characterization and loss documentation

Compatibility & Integration

USB interface supports data transfer and firmware updates. Module configuration allows wavelength selection tailored to specific network requirements.

Features & description

From manufacturer datasheet

Features

- GeX detector for high-power measurements • FasTesT three-wavelength loss/ORL/length automation
- Dual FasTesT port options (SM + optional MM) • Visual pass/fail loss and ORL analysis • Large color display with report generation • Optional talk set, VFL, and video inspection probe • Nine-hour Li-Ion autonomy class

Applications

- High-power optical power and loss measurement up to +26 dBm class • Bidirectional FasTesT loss and ORL on SM wavelengths • FTTx and CATV installer documentation • Optional MM second-port LED testing (850/1300 nm) • Talk set / VFL assisted restoration and identification

FOT932X Characteristics / Specifications

PARAMETER	VALUE
Model	FOT-932X
Manufacturer	EXFO
Instrument Type	Handheld Multifunction Loss Tester (GeX)
Alias	FOT-932X; FOT-930 MaxTester GeX
Detector type	GeX
Power measurement range	26 to -55 dBm
Power display range	down to -65 dBm
Power uncertainty	±5 % ±3 nW
Wavelength range detector	800 to 1650 nm
Display resolution	0.01 dB
Calibrated wavelengths	42
Automatic offset nulling	yes
Standard source wavelengths	1310 ±20 nm; 1550 ±20 nm
Standard min source power	-1/-1 dBm (High mode)
Source spectral width lasers	≤5 nm
Source stability 8 hours	±0.05 dB
FasTesT loss range standard	60 dB typical
FasTesT loss precision side by side	0.15 dB
FasTesT loss precision loopback	0.25 dB
Length measurement range SM	200 km
ORL range APC/UPC	65/55 dB
ORL uncertainty	±0.5 dB typical
SizeHxWxD	250 mm x 125 mm x 75 mm
Weight	1 kg
Operating temperature	-10 °C to 50 °C

PARAMETER	VALUE
Battery autonomy	Li-Ion 9 hours typical
Storage capacity	1024 complete tests
Warranty	3 years Notes Specs from EXFO FOT-930 MaxTester datasheets for FOT-932X GeX configurations. Confirm wavelength option (–4/–5), second MM port (–12C/–12D), and VFL/talk set/probe codes on the faceplate.
Wavelength range	detector: 800 to 1650 nm

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	−10 °C to 50 °C
Operating Temperature	−10 °C to 50 °C
Battery autonomy	Li-Ion 9 hours typical
Storage capacity	1024 complete tests
Warranty	3 years Notes Specs from EXFO FOT-930 MaxTester datasheets for FOT-932X GeX configurations. Confirm wavelength option (−4/−5), second MM port (−12C/−12D), and VFL/talk set/probe codes on the faceplate.

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	FOT-932X
Manufacturer	EXFO
Instrument Type	Handheld Multifunction Loss Tester (GeX)
Alias	FOT-932X; FOT-930 MaxTester GeX
Detector type	GeX
Power measurement range	26 to -55 dBm
Power display range	down to -65 dBm
Power uncertainty	±5 % ±3 nW
Wavelength range detector	800 to 1650 nm
Display resolution	0.01 dB
Calibrated wavelengths	42
Automatic offset nulling	yes
Standard source wavelengths	1310 ±20 nm; 1550 ±20 nm
Option 4 source wavelengths: 1310 ±20; 1550 ±20; 1625 ±10 nm	
Option 5 source wavelengths: 1310 ±20; 1490 ±10; 1550 ±20 nm	
Standard min source power: -1/-1 dBm (High mode)	
Option 4 min source power: -1/-4/-7 dBm	
Specifications	
PARAMETER	VALUE
Source spectral width lasers	≤5 nm
Source stability 8 hours	±0.05 dB
FasTesT loss range standard	60 dB typical
FasTesT loss precision side by side	0.15 dB
FasTesT loss precision loopback	0.25 dB
Length measurement range SM	200 km
ORL range APC/UPC	65/55 dB
ORL uncertainty	±0.5 dB typical

Optional VFL wavelength: 650 nm
Optional VFL output power: 3 dBm class

Specifications

PARAMETER	VALUE
SizeHxWxD	250 mm x 125 mm x 75 mm
Weight	1 kg
Operating temperature	-10 °C to 50 °C
Battery autonomy	Li-Ion 9 hours typical
Storage capacity	1024 complete tests

Warranty: 3 years

Notes

Specs from EXFO FOT-930 MaxTester datasheets for FOT-932X GeX configurations. Confirm wavelength option (-4/-5), second MM port (-12C/-12D), and VFL/talk set/probe codes on the faceplate.

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.