

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo FOT-932 FTTx Return/Loss Tester

Key Features - FasTest automated IL and ORL in about 10 seconds - Bidirectional testing up to three SM wavelengths - FTTx mode for 1310/1490/1550 nm PON terminology - Automatic ORL and length during FasTest - Visual pass/fail loss and ORL analysis - Optional second MM FasTest port (850/1300 nm) - Compatible with fiber inspection probe options - Complete test documentation storage

Technical Specifications Model: FOT-932 (FOT-930 MaxTester family)
Manufacturer: EXFO Instrument Type: Multifunction Loss / ORL / Length Tester Detector type FOT 932: Ge Power measurement range dBm: 10 to -70 Range displayed dBm: down to -77 Uncertainty: +/-5% +/-0.1 nW Wavelength range nm: 800 to 1650 Display resolution dB: 0.



MODEL

Exfo FOT-932

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-932

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FOT-932 is a handheld FTTx return/loss tester engineered for rapid field validation of passive optical networks. It combines loss measurement, optical return loss (ORL) analysis, and fiber length determination into a single instrument, eliminating the need for multiple tools on installation and maintenance jobs. The FOT-932's FasTest™ function delivers automated measurements across up to three wavelengths in approximately 10 seconds, making it ideal for high-volume PON deployments requiring ITU-T G.983 and G.984 compliance.

Technical Specifications
Optical Performance: Detector: Germanium (Ge) Measurement range: 10 to -70 dBm Displayed range: Down to -77 dBm Loss measurement range: Up to 60 dB Measurement

uncertainty: $\pm 5\%$ ± 0.1 nW (valid at calibration conditions) Power meter sensitivity: $+26$ dBm maximum Wavelength Support: Single-mode light sources: 1310 ± 20 nm, 1550 ± 20 nm Multi-mode light sources: 850 ± 25 nm, 1300 ± 20 nm FTTx-optimized: 1310 nm, 1490 nm, 1550 nm Data Management: Storage capacity: Up to 1,000 test reports Data download: RS-232 interface to PC Key Features One-touch FasTest™ measurement completing three-wavelength tests in ~ 10 seconds Multi-instrument integration: loss meter, power meter, ORL meter, visual fault locator, multimode and singlemode light sources, digital talk set, and fiber-length meter ITU-T G.983 and G.984 compliant for PON testing per IEEE 802.3ah Portable handheld design with field-ready durability Typical Applications FTTH/FTTP network installation and commissioning PON link loss and return loss verification Fiber-to-the-curb and fiber-to-the-building deployments CATV operator network maintenance Field acceptance testing of optical connections Compatibility & Integration The FOT-932 supports both single-mode and multi-mode fibers across standard telecom wavelengths, with native PON functionality at 1310 nm, 1490 nm, and 1550 nm for direct compliance with passive optical network standards.

Features & description

From manufacturer datasheet

Features

- FasTest automated IL and ORL in about 10 seconds

FOT932 Characteristics / Specifications

PARAMETER	VALUE
Model	FOT-932 (FOT-930 MaxTester family)
Manufacturer	EXFO
Instrument Type	Multifunction Loss / ORL / Length Tester
Detector type FOT 9	Ge
Power measurement range dBm	10 to -70
Range displayed dBm	down to -77
Uncertainty	+/-5% +/-0.1 nW
Wavelength range nm	800 to 1650
Display resolution dB	0.01
Calibrated wavelengths count	40
Recalibration period years	1
Automatic offset nulling	yes
Distance units	km; m; kilofeet; feet; miles
Standard SM source	1310/1550 nm dual
FasTesT time	about 10 seconds up to three wavelengths
ORL measurement	automatic during FasTesT
Fiber length measurement	yes during FasTesT
GeX sibling FOT 932X range dBm	26 to -55
InGaAs sibling FOT 933 range dBm	6 to -73
Upstream FTTx wavelengths	1310 nm with 1490/1550 downstream options
Pass fail analysis	visual loss and ORL
Product status	discontinued (OEM discontinued 2017-02-28)
Alias	FOT932; FOT-930 MaxTester 932
Connector examples	EI-EUI-89 FC; EI-EUI-91 SC Notes Specs from EXFO FOT-930 MaxTester OEM sheet for FOT-932. Confirm exact source option (-4/-5/-12C/-12D) and detector (932 vs 932X vs 933) on the faceplate.

PARAMETER	VALUE
Wavelength range	nm: 800 to 1650

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	F0T-932 (F0T-930 MaxTester family)
Manufacturer	EXF0
Instrument Type	Multifunction Loss / ORL / Length Tester

Specifications

PARAMETER	VALUE
Detector type F0T 932	Ge
Power measurement range dBm	10 to -70
Range displayed dBm	down to -77

Specifications

PARAMETER	VALUE
Uncertainty	+/-5% +/-0.1 nW
Wavelength range nm	800 to 1650
Display resolution dB	0.01

Specifications

PARAMETER	VALUE
Calibrated wavelengths count	40
Recalibration period years	1
Automatic offset nulling	yes

Distance units: km; m; kilofeet; feet; miles

Standard SM source: 1310/1550 nm dual

Option 4 SM source: 1310/1550/1625 nm

Option 5 SM source: 1310/1490/1550 nm

Specifications

PARAMETER	VALUE
FasTest time	about 10 seconds up to three wavelengths
ORL measurement	automatic during FasTest
Fiber length measurement	yes during FasTest

GeX sibling FOT 932X range dBm: 26 to -55

InGaAs sibling FOT 933 range dBm: 6 to -73

Optional MM second port: 850/1300 nm LED 50/125 or 62.5/125 um

Specifications

PARAMETER	VALUE
Upstream FTTx wavelengths	1310 nm with 1490/1550 downstream options
Pass fail analysis	visual loss and ORL
Product status	discontinued (OEM discontinued 2017-02-28)

Alias: FOT932; FOT-930 MaxTester 932

Connector examples: EI-EUI-89 FC; EI-EUI-91 SC

Notes

Specs from EXFO FOT-930 MaxTester OEM sheet for FOT-932. Confirm exact source option (-4/-5/-12C/-12D) and detector (932 vs 932X vs 933) 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

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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.