

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo FOT-92AX Optical Power Meter

The EXFO FOT-92AX is a versatile optical power meter offering precise signal strength readings across various wavelengths. Designed for both lab and field use, it provides long battery life, durability, and intuitive operation. Suitable for both SM and MM fiber, it's a dependable tool for telecom professionals.



MODEL

Exfo FOT-92AX

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-92AX

LISTING

<https://aumictechlabs.com/products/fot-92ax-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FOT-92AX is a field-portable optical power meter engineered for precise measurement of signal strength across single-mode and multimode fiber networks. Operating across the 780 nm to 1600 nm wavelength range with an InGaAs detector, it delivers measurements from -43 dBm to +35 dBm with accuracy of ± 0.2 dB under calibration conditions. The meter supports automatic wavelength selection and includes integrated 2 kHz signal detection for fiber identification and accelerated testing protocols. Technical Specifications Wavelength Range: 780 nm to 1600 nm Detector Type: InGaAs Measurement Range: -43 dBm to +35 dBm Accuracy: ± 0.2 dB (calibration conditions); ± 0.12 dB (20 dBm to 28 dBm); ± 0.3 dB (28 dBm to 35 dBm) Measurement Units: dBm, dB Signal Detection: 2 kHz for fiber identification Fiber Compatibility: Single-mode, multimode Key Features Automatic wavelength selection across full operating range InGaAs detector provides sensitivity from ultraviolet through near-infrared bands Large backlit

LCD display for field readability Dual power architecture: 9V alkaline battery with automatic switchover to rechargeable NiCd/NiMH pack; supports AC adapter charging Battery endurance: up to 20 hours per charge or replacement Compact dimensions: 22 cm × 11 cm × 5 cm; weight 0.96 kg Interchangeable optical connectors: FOA standard with adapter options for FC, SC, ST, LC (FOA-12 Biconic, FOA-14 D4, FOA-16 SMA/905, SMA/906, FOA-22 FC, FOA-24 Radial VFO/DF) Typical Applications Installation and commissioning of fiber-optic networks In-service power level verification Fiber identification via 2 kHz signal detection High-power measurement for amplified systems and long-haul links Compatibility & Integration FasTest-compatible sources (e.g., FLS-210A/B) enable automated loss testing with reduced measurement error Optional RS-232 interface kit and USB connectivity for data export to ToolBox software Direct integration with FTB-300 platform and PC-based analysis tools

FOT92AX Characteristics / Specifications

PARAMETER	VALUE
Model	FOT-92AX
Detector	GeX 2 mm
Series	FOT-90A
Wavelength Range	780 to 1625 nm
Resolution	0.01 dB
Size HxWxD	22 × 11 × 5 cm
Compatible Sources	FLS-210A or FLS-210B
Automation	wavelength recognition and loss store
Related Ge Model	FOT-92A
Related InGaAs Model	FOT-93A
Related Ultra High Power P	FOT-93AX up to 28 dBm
Uncertainty Class	plus or minus 5 percent to plus or minus 6.5 percent by configuration
Linearity Class	plus or minus 0.01 to plus or minus 0.02 dB by configuration
Form Factor	handheld splashproof field unit
Display	backlit LCD
Powering	AC adapter/charger and batteries
Primary Use	power and loss testing of fiber links
Operating Temperature Class	minus 10 C to 50 C portable EXFO
Storage Temperature Class	minus 20 C to 60 C class
Relative Humidity Class	0 percent to 95 percent non-condensing
Documentation Basis	FOT-90A series configuration summaries
Storage temperature	Class: minus 20 C to 60 C class
Operating temperature	Class: minus 10 C to 50 C portable EXFO
Humidity	Class: 0 percent to 95 percent non-condensing

FOT92AX Specifications

PARAMETER	VALUE
Key Features	GeX detector FOT-90A family
Handheld splashproof package	Wide 780 to 1625 nm coverage
Technical Specifications	Model: FOT-92AX

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 20 C to 60 C class
Operating temperature	Class: minus 10 C to 50 C portable EXFO
Operating Temperature	Class: minus 10 C to 50 C portable EXFO
Humidity	Class: 0 percent to 95 percent non-condensing
Operating Temperature Class	minus 10 C to 50 C portable EXFO
Storage Temperature Class	minus 20 C to 60 C class
Relative Humidity Class	0 percent to 95 percent non-condensing
Documentation Basis	FOT-90A series configuration summaries Notes From EXFO FOT-90A series configuration and specification summaries for FOT-92AX. Confirm exact GeX power-range window on the unit datasheet and calibration certificate.

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-92AX
Detector	GeX 2 mm
Series	FOT-90A
Wavelength Range	780 to 1625 nm
Resolution	0.01 dB
Size HxWxD	22 x 11 x 5 cm
Compatible Sources	FLS-210A or FLS-210B
Automation	wavelength recognition and loss store
Related Ge Model	FOT-92A
Related InGaAs Model	FOT-93A
Related Ultra High Power P1	FOT-93AX up to 28 dBm
Related Ultra High Power P2	FOT-93AX up to 35 dBm
Uncertainty Class	plus or minus 5 percent to plus or minus 6.5 percent by configuration
Linearity Class	plus or minus 0.01 to plus or minus 0.02 dB by configuration
Form Factor	handheld splashproof field unit
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Powering	AC adapter/charger and batteries
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From EXFO FOT-90A series configuration and specification summaries for FOT-92AX. Confirm exact GeX power-range window on the unit datasheet and calibration certificate.	

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>

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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.