

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo MaxTester 730B Optical Time Domain Reflectometer

The EXFO MaxTester 730B is a compact, high-performance OTDR for fiber network testing. Offering 35 dB dynamic range and 0.8 m event dead zone, it provides detailed fiber characterization. Ideal for installation and maintenance of FTTx, enterprise, and telecom networks, its rugged design ensures reliable performance in field conditions.



MODEL

Exfo MaxTester 730B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MaxTester 730B

LISTING

<https://aumictechlabs.com/products/maxtester-730b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO MaxTester 730B Optical Time Domain Reflectometer is a powerful fiber optic testing instrument designed for comprehensive network characterization. With a 35 dB dynamic range and 0.8 m event dead zone, this OTDR delivers precise fault location and fiber quality assessment. The unit supports multiple wavelengths (1310/1550/1625/1650nm) and features EXFO's SmartLink Map software for intuitive trace analysis. This compact OTDR is built for field technicians, featuring a rugged IP54-rated housing that withstands harsh environmental conditions. The bright, sunlight-readable touchscreen display provides clear visualization of test results, while the intuitive interface simplifies operation. Advanced features include automated testing, real-time trace viewing, and customizable test parameters. The MaxTester 730B is particularly effective for FTTx

network deployment and maintenance, offering specialized test modes for PON networks. Its long battery life supports extended field work, and the included USB and Bluetooth connectivity enable easy data transfer and reporting. The device also supports EXFO's ConnectGuard live fiber detection for enhanced safety during testing.

MAXTESTER730B Characteristics / Specifications

PARAMETER	VALUE
Display	7 in 178 mm outdoor-enhanced touchscreen 800 × 480 TFT
USB Ports	two USB 2.0
LAN Interface	RJ-45 10/100 Mbit/s
Internal Storage	2 GB typical 20000 OTDR traces
Battery Life	12 hours per Telcordia TR-NWT-001138
AC Adapter Input	100 to 240 VAC 50 to 60 Hz
DC Input	9 to 16 V DCIN 15 W minimum
Wavelengths Typical	1310/1550/1625 nm
Dynamic Range Typical	39/37/37 dB
Event Dead Zone Typical	0.8 m
Attenuation Dead Zone Typical	3.5 m
Distance Range	0.1 to 400 km
Pulse Width	5 to 20000 ns
Linearity	plus or minus 0.03 dB/dB
Loss Threshold	0.01 dB
Loss Resolution	0.001 dB
Sampling Resolution	0.04 to 5 m
Sampling Points	up to 256000
Distance Uncertainty	plus or minus (0.75 plus 0.0025 percentxdistance plus sampling resolution) m
Reflectance Accuracy	plus or minus 2 dB
Real Time Refresh Typical	3 Hz
Size HxWxD	200 mm x 155 mm x 68 mm
Weight With Battery	1.29 kg
Operating Temperature	minus 10 C to 50 C

PARAMETER	VALUE
Attenuation	Dead Zone Typical: 3.5 m

MAXTESTER730B Specifications

PARAMETER	VALUE
Exfo MaxTester 730B PON Metro OTDR	Overview
Key Features	7-inch 800 × 480 outdoor TFT touchscreen
iOLM multipulse link mapping with pass fail diagnosis	Optional GeX power meter to plus 27 dBm and VFL
Live 1625 nm testing port on selected models	USB and RJ-45 interfaces with optional RF connectivity
Technical Specifications	Display: 7 in 178 mm outdoor-enhanced touchscreen 800 × 480 TFT

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	minus 10 C to 50 C
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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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Distance Uncertainty	plus or minus (0.75 plus 0.0025 percentxdistance plus sampling resolution) m
Reflectance Accuracy	plus or minus 2 dB
Real Time Refresh Typical	3 Hz
Optional PM Power Range Typical: 27 to minus 50 dBm	
Optional PM Calibrated Wavelengths: 850 1300 1310 1490 1550 1625 1650 nm	
Specifications	

PARAMETER	VALUE
Size HxWxD	200 mm x 155 mm x 68 mm
Weight With Battery	1.29 kg
Operating Temperature	minus 10 C to 50 C

Notes

Primary slug exfo-maxtester-730b; alias exfo-max-730b already present. From EXFO MaxTester 730B datasheet SPMAX730B.4AN. Optical specs at 23 plus or minus 2 C with FC/APC; dynamic range typical with longest pulse and three-minute averaging at SNR equals 1.

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.