

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

EXFO MaxTester 720B Access OTDR

The EXFO MaxTester 720B Access OTDR is a compact and lightweight optical time-domain reflectometer designed for access network testing. It features a dynamic range of up to 36 dB and a short dead zone, making it suitable for testing short fibers in FTTH/PON, LAN/WAN, and data centers. The 7-inch touchscreen display provides a user-friendly interface, and the rugged design ensures reliable performance in the field. It offers various testing modes, including automated and manual configurations, and supports real-time measurements and analysis.



MODEL

Exfo MaxTester 720B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MaxTester 720B

LISTING

<https://aumictechlabs.com/products/maxtester-720b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO MaxTester 720B Access OTDR is a portable optical time-domain reflectometer designed for testing and characterization of access networks in field environments. Built for high-density deployments including FTTH, PON, LAN, WAN, and data center applications, it combines a compact form factor with a 7-inch touchscreen display and intuitive graphical interface to deliver rapid fault detection and precise fiber characterization. Technical Specifications Optical Performance Dynamic range: up to 36 dB Event dead zone: short dead zone capability for closely spaced event resolution Wavelengths: 1310 nm and 1550 nm (standard single-mode; additional wavelengths available via module configuration) Pulse widths: variable for optimized resolution

and distance measurement Reflection threshold: configurable Attenuation threshold: configurable
Display Touchscreen: 7-inch diagonal, high-resolution for clear trace visualization Data
Connectivity Storage: internal memory for test results and traces Interfaces: USB ports for data
transfer and software updates; Ethernet port File formats: industry-standard OTDR data formats
(e.g., .sor) Power Rechargeable battery pack for extended field operation AC adapter for charging
Key Features Automated one-button testing for rapid fault identification Manual mode for detailed
parameter configuration and in-depth analysis Real-time optical signal display Automatic event
detection and characterization (splices, connectors, breaks) Link mapper for intuitive fiber event
visualization Data logging and trace archiving Optional Capabilities Module-dependent
functionality includes Optical Loss Test Set (OLTS), Visual Fault Locator (VFL), Optical Power
Meter (OPM), and Light Source (OLS). Typical Applications Fiber-to-the-Home (FTTH) network
testing Passive Optical Network (PON) deployments LAN and WAN infrastructure verification Data
center fiber characterization

MAXTESTER720B 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 nm
Dynamic Range Typical	36/34 dB
Event Dead Zone Typical	0.8 m
Attenuation Dead Zone Typical	3.5 m
Distance Range	0.1 to 260 km
Pulse Width	5 ns to 20 us
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
Laser Safety	Class 1M
Size HxWxD	200 mm x 155 mm x 68 mm
Weight With Battery	1.3 kg class
Operating Temperature	minus 10 C to 50 C

PARAMETER	VALUE
Attenuation	Dead Zone Typical: 3.5 m

MAXTESTER720B Specifications

PARAMETER	VALUE
Exfo MaxTester 720B Access OTDR	Overview
Key Features	7-inch 800 × 480 outdoor TFT touchscreen
Optional GeX power meter and VFL	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
Operating Temperature	minus 10 C to 50 C

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
Display	7 in 178 mm outdoor-enhanced touchscreen 800 x 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 nm
Dynamic Range Typical	36/34 dB
Event Dead Zone Typical	0.8 m
Attenuation Dead Zone Typical	3.5 m
Distance Range	0.1 to 260 km
Pulse Width	5 ns to 20 us
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
Laser Safety	Class 1M
Size HxWxD	200 mm x 155 mm x 68 mm
Weight With Battery	1.3 kg class
Operating Temperature	minus 10 C to 50 C

Notes

From EXFO MaxTester 720B datasheet SPMAX720B and matching MAX-720B technical tables. 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.

Laser Safety

Laser Safety: Class 1M Size HxWxD: 200 mm x 155 mm x 68 mm Weight With Battery: 1.3 kg class
Operating Temperature: minus 10 C to 50 C Notes From EXFO MaxTester 720B datasheet SPMAX720B and matching MAX-720B technical tables. 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

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 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.