

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo MAX-880 Ethernet Network Tester

The EXFO MAX-880 is a handheld Ethernet network tester engineered for field installation, activation, and troubleshooting across DSn/PDH, ISDN, SONET/SDH, OTN, and Ethernet networks. Operating from 10 Mbps to 100 Gbps, it delivers comprehensive service validation and performance diagnostics in a portable form factor. The device features an 8-inch multitouch color TFT display (1280 × 800 resolution) running Windows 10 with 4 GB RAM and 64 GB internal storage, expandable via micro SD card interface. Typical Applications Service activation and SLA verification on Ethernet and transport networks. Performance benchmarking, latency analysis, and frame loss detection. VLAN and MPLS network validation. Aumictech offers NIST-traceable calibration and repair for the Exfo MAX-880. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 b



MODEL

Exfo MAX-880

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAX-880

LISTING

<https://aumictechlabs.com/products/max-880-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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TFT display (1280 × 800 resolution) running Windows 10 with 4 GB RAM and 64 GB internal storage, expandable via micro SD card interface. Technical Specifications Processing & Display Dual-core processor with 4 GB RAM 8-inch multitouch widescreen color TFT: 1280 × 800 resolution 64 GB internal flash memory; micro SD card expansion Connectivity Gigabit Ethernet (RJ45): 10/100/1000 Mbit/s Two USB 2.0 host ports; one USB 3.0 host port Wi-Fi, Bluetooth, 3G/4G LTE (via USB dongle) Power & Environmental Rechargeable Li-ion smart battery AC/DC adapter: 100–240 V, 50/60 Hz input; 24 V, 3.75 A output Operating: 0 °C to 40 °C; Storage: -40 °C to 70 °C Humidity: 0% to 95%, non-condensing Dimensions: 210 × 254 × 66 mm; Weight: 2.6 kg with battery Key Features Ethernet Testing Interfaces Data rates: 1 Gbps, 10 Gbps; 100 Gbps with quad-port configuration SFP+, RJ45 LAN, and Gigabit electrical interfaces supported Active copper SFP compatibility for extended reach testing Measurement Capabilities EtherSAM (ITU-T Y.1564): Throughput, latency, jitter, frame loss, out-of-sequence, CIR/EIR/CBS/EBS measurements with bidirectional per-direction results RFC 2544 dual test set for asymmetric traffic evaluation EtherBERT with round-trip latency measurements Traffic generation and monitoring for rapid troubleshooting Layer-2 transparency testing with predefined configurations Service disruption testing (SDT) with comprehensive statistics VLAN, Q-in-Q, and MPLS support Typical Applications Service activation and SLA verification on Ethernet and transport networks. Performance benchmarking, latency analysis, and frame loss detection. VLAN and MPLS network validation.

Features & description

From manufacturer datasheet

Features

- Ethernet 10/100/1000M and 10G LAN/WAN • Transport: DSn/PDH, SONET/SDH, OTN OTU1/2 • EtherSAM, RFC 2544, EtherBERT, multistream • Dual-port option up to 2×10GE class • Smart Loopback / Dual Test Set / Remote Discovery • 8-inch multitouch color display • Optional Wi-Fi/Bluetooth connectivity • Built-in Li-ion battery operation

Applications

- Ethernet service turn-up to 10GE • RFC 2544 and EtherSAM (ITU-T Y.1564) activation • SONET/SDH and OTN BERT to 10G • DSn/PDH electrical transport testing • Dual-port independent link testing in the field

MAX880 Characteristics / Specifications

PARAMETER	VALUE
Model	MAX-880
Manufacturer	EXFO
Instrument Type	Handheld Ethernet and Transport Tester
Alias	MAX-880; MAX800 Series MAX-880
Ethernet electrical	10/100/1000 BASE-T
Ethernet optical	GigE and 10GigE LAN/WAN (options)
Test apps Ethernet	EtherSAM Y.1564; RFC 2544; EtherBERT
OTN interfaces	OTU1 2.6660 Gbit/s; OTU2 10.7092 Gbit/s
SONET/SDH optical	up to OC-192/STM-64 class
DSn/PDH	electrical port options
Dual port testing	yes (option)
Display	multitouch 1280×800 TFT 203 mm (8 in)
Processor	dual-core / 4 GB RAM OS: Windows Embedded 8 Standard
SizeHxWxD	210 mm x 254 mm x 66 mm
Weight with battery MAX 860G 880 class	2.6 kg
Operating temperature	0 °C to 50 °C
Storage temperature	–40 °C to 70 °C
Relative humidity	0 % to 95 % non-condensing
Internal storage	64 GB flash
Interfaces	RJ45 LAN; 2×USB 2.0; 1×USB 3.0; micro SD; headset
Power adapter input	100–240 V 50/60 Hz 2.5 A max
Power adapter output	24 V 3.75 A
Battery	rechargeable Li-ion smart battery
OTN standards	ITU-T G.709; G.798; G.872
Frequency accuracy class optical	±4.6 ppm Tx

PARAMETER	VALUE
IPv6 / MPLS / Through mode	optional software
Specification temperature	23 °C Notes Specs from EXFO MAX-800 Series datasheet focusing on MAX-880. Confirm installed rate options (10GigE, SONET/SDH, OTU1/2, DSn/PDH) and RF/Wi-Fi kit on the unit.
Transport	DSn/PDH, SONET/SDH, OTN OTU1/2
Humidity	0 % to 95 % non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	−40 °C to 70 °C
Operating temperature	0 °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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PARAMETER	VALUE
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Specification temperature	23 °C

Notes

Specs from EXFO MAX-800 Series datasheet focusing on MAX-880. Confirm installed rate options (10GigE, SONET/SDH, OTU1/2, DSn/PDH) and RF/Wi-Fi kit on the unit.

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.