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Data Sheet

August 13, 2026

EXFO

Exfo MAX-890Q Ethernet Network Tester

Key Features - Ethernet and transport testing up to 100GE / OTU4 - Independent dual-port testing up to 100GE - Optional 4 × 100GE EtherBERT Layer 2 - Dual QSFP28 and dual SFP28 style port groups (A and B) - EtherSAM, RFC 2544, EtherBERT, multistream, Smart Loopback - Optional IPv6, MPLS, Through mode - Dual rechargeable Li-ion smart batteries - 8 inch multitouch Windows 10 platform with 128 GB storage Technical Specifications Model: MAX-890Q Manufacturer: EXFO Instrument Type: Handheld 100G Ethernet / Transport Tester Series: MAX-800 Max Ethernet rate: 100GE OTN high rate: OTU4 QSFP28 ports: dual (100GE / OTU4) SFP SFP28 ports: dual groups up to 10 Gbit/s Electrical Ethernet via copper SFP: 10/100/1000BASE-T EtherSAM: ITU-T Y.



MODEL

Exfo MAX-890Q

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAX-890Q

LISTING

<https://aumictechlabs.com/products/max-890q-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo MAX-890Q is a portable handheld network tester for field activation, troubleshooting, and performance analysis of Ethernet and transport networks up to 100 Gbit/s. Built for technicians and engineers, it delivers quad-port independent testing at 4 × 100GE and dual-port capabilities with support for DSn/PDH, ISDN, SONET/SDH, and OTN (ITU-T G.709) protocols. An 8-inch multitouch TFT display (1280 × 800 resolution) and intelligent configuration guidance streamline setup and operation across diverse field environments. Technical Specifications Data

Rates: 1 Gbit/s, 10 Gbit/s, 100 Gbit/s Optical Interfaces: SFP, SFP+, SFP28, QSFP28 Port Configuration: Dual-port and quad-port (4 × 100GE) independent testing Processor: Quad-core with 4 GB RAM Memory: 128 GB internal flash storage; micro SD card expansion Display: 8-inch (203 mm) widescreen multitouch color TFT, 1280 × 800 px Operating System: Windows 10 Power: Two rechargeable Li-ion smart batteries for extended field operation Physical: 210 mm x 254 mm x 122 mm; 4.16 kg with battery Operating Temperature: 0 °C to 40 °C Storage Temperature: -40 °C to 70 °C Humidity: 0% to 95%, non-condensing Key Features Ethernet testing: EtherSAM (ITU-T Y.1564), RFC 2544, RFC 6349, EtherBERT Layer 2, multistream traffic generation and monitoring, Service Disruption Testing (SDT), Layer-2 transparency, and Through Mode Transport network testing: DS1, DS3, E1, E3, E4, STM-1/4/16/64 (up to 10G), OTU1/2/4 with forward error correction (FEC) Dual USB 2.0 and one USB 3.0 port Gigabit Ethernet (RJ45), Wi-Fi, Bluetooth, and 3G/4G LTE connectivity via USB dongle 3.5 mm audio port for headset and microphone Typical Applications Service activation, network performance validation, transport protocol troubleshooting, and field maintenance across DS_n, SONET/SDH, and OTN infrastructures. Connectivity & Integration LAN connectivity via 10/100/1000 Mbit/s Gigabit Ethernet; wireless via Wi-Fi and Bluetooth; mobile via 3G/4G LTE dongle support; local expansion via micro SD card slot.

Features & description

From manufacturer datasheet

Features

- Ethernet and transport testing up to 100GE / OTU4

MAX890Q Characteristics / Specifications

PARAMETER	VALUE
Model	MAX-890Q
Manufacturer	EXFO
Instrument Type	Handheld 100G Ethernet / Transport Tester
Series	MAX-800
Max Ethernet rate	100GE
OTN high rate	OTU4
QSFP28 ports	dual (100GE / OTU4)
SFP SFP28 ports	dual groups up to 10 Gbit/s
Electrical Ethernet via copper SFP	10/100/1000BASE-T
EtherSAM	ITU-T Y.1564 yes
RFC 25	yes
EtherBERT	yes including 100GE Layer 2
Traffic generation monitoring	multistream yes
Smart Loopback	yes
Through mode	supported
Quad port testing	yes (890Q)
Dual port testing	yes
IPv	optional
MPLS	optional
SONET SDH optical	up to 10G / 100G transport suite per options
OTN	OTU1 / OTU2 / OTU4 per configuration
Display	8 in multitouch 1280 × 800 TFT
Processor RAM	quad-core / 8 GB
Operating system	Windows 10
Internal storage	128 GB flash

PARAMETER	VALUE
SizeHxWxD	210 mm x 254 mm x 96 mm
Weight with batteries	4.16 kg
Operating temperature	0 C to 40 C
Operating temperature 4×100GE L	max 35 C
Storage temperature	-40 C to 70 C
Relative humidity	0% to 95% non-condensing
Battery	2 x rechargeable Li-ion smart batteries
AC adapter input	100-240 V 50/60 Hz
AC adapter output	24 V 3.75 A
USB ports	1 x USB 3.0 and 2 x USB 2.0
LAN maintenance port	GigE RJ45
Alias	MAX890Q Notes Specs from EXFO MAX-800 Series OEM sheet for MAX-890Q. Quad 100GE EtherBERT is Layer 2; confirm licensed options and transceiver inventory. Heavier dual-battery chassis vs MAX-890.
Humidity	0% to 95% non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	0 C to 40 C
Operating Temperature	0 C to 40 C
Humidity	0% to 95% non-condensing
Operating temperature 4×100GE L	max 35 C
Relative humidity	0% to 95% non-condensing
Battery	2 x rechargeable Li-ion smart batteries
AC adapter input	100-240 V 50/60 Hz
AC adapter output	24 V 3.75 A
USB ports	1 x USB 3.0 and 2 x USB 2.0
LAN maintenance port	GigE RJ45
Alias	MAX890Q Notes Specs from EXFO MAX-800 Series OEM sheet for MAX-890Q. Quad 100GE EtherBERT is Layer 2; confirm licensed options and transceiver inventory. Heavier dual-battery chassis vs MAX-890.

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	MAX-890Q
Manufacturer	EXFO
Instrument Type	Handheld 100G Ethernet / Transport Tester
Specifications	
PARAMETER	VALUE
Series	MAX-800
Max Ethernet rate	100GE
OTN high rate	OTU4
Specifications	
PARAMETER	VALUE
QSFP28 ports	dual (100GE / OTU4)
SFP SFP28 ports	dual groups up to 10 Gbit/s
Electrical Ethernet via copper SFP	10/100/1000BASE-T
Specifications	
PARAMETER	VALUE
EtherSAM	ITU-T Y.1564 yes
RFC 2544	yes
EtherBERT	yes including 100GE Layer 2
Specifications	
PARAMETER	VALUE
Traffic generation monitoring	multistream yes
Smart Loopback	yes
Through mode	supported

Specifications

PARAMETER	VALUE
Quad port testing	yes (890Q)
Dual port testing	yes
IPv6	optional

Specifications

PARAMETER	VALUE
MPLS	optional
SONET SDH optical	up to 10G / 100G transport suite per options
OTN	OTU1 / OTU2 / OTU4 per configuration

Specifications

PARAMETER	VALUE
Display	8 in multitouch 1280 x 800 TFT
Processor RAM	quad-core / 8 GB
Operating system	Windows 10

Specifications

PARAMETER	VALUE
Internal storage	128 GB flash
SizeHxWxD	210 mm x 254 mm x 96 mm
Weight with batteries	4.16 kg

Specifications

PARAMETER	VALUE
Operating temperature	0 C to 40 C
Operating temperature 4x100GE L2	max 35 C
Storage temperature	-40 C to 70 C

Specifications

PARAMETER	VALUE
Relative humidity	0% to 95% non-condensing
Battery	2 x rechargeable Li-ion smart batteries
AC adapter input	100-240 V 50/60 Hz

Specifications

PARAMETER	VALUE
AC adapter output	24 V 3.75 A
USB ports	1 x USB 3.0 and 2 x USB 2.0
LAN maintenance port	GigE RJ45

Alias: MAX890Q

Notes

Specs from EXFO MAX-800 Series OEM sheet for MAX-890Q. Quad 100GE EtherBERT is Layer 2; confirm licensed options and transceiver inventory. Heavier dual-battery chassis vs MAX-890.

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.