

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

EXFO MaxTester 940 Telco OLTS

The EXFO MaxTester 940 is a rugged, handheld Optical Loss Test Set (OLTS) designed for telco network installation and maintenance. Featuring dual-wavelength testing, auto power ranging, and long battery life, it ensures accurate loss measurements in single-mode fiber networks. Its durable design withstands harsh field conditions.

**MODEL****Exfo MaxTester 940****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MaxTester 940****LISTING**<https://aumictechlabs.com/products/maxtester-940-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO MaxTester 940 Telco OLTS is a handheld, tablet-inspired Optical Loss Test Set engineered for field certification of fiber optic networks. It measures insertion loss, optical return loss, and fiber length across two wavelengths with automated bidirectional testing completing in under 5 seconds - certifying two fibers at two wavelengths in 2.6 seconds. The device integrates 100% automated fiber inspection with one-step pass/fail analysis, onboard professional PDF reporting, and patent-pending simplex reference technology for reduced test uncertainty on short fiber links. Technical Specifications Insertion loss (IL) and optical return loss (ORL) measurement Fiber length measurement capability Two-wavelength testing support Singlemode distance range: up to 200 km FasTes™ Technology: bidirectional automated testing completing full certification in 2.6 seconds One-cord simplex reference method (patent-pending) 7-inch high-resolution touchscreen display Internal memory: capacity for over 150,000 test files Operating temperature:

–20 °C to 60 °C (–4 °F to 140 °F) with battery pack Battery autonomy: 12 hoursKey Features 100% automated fiber inspection at both ends with integrated diagnostics Onboard assistant and diagnostic tools to eliminate reference errors and negative loss Windows-like user interface with icon-based navigation Multi-standard certification capability (simultaneous compliance) Professional PDF reporting for immediate field documentation Optional Wi-Fi and Bluetooth connectivity EXFO Connect cloud-based asset management readyTypical Applications Installation contractor acceptance testing and handover certification Data center and enterprise network fiber verification Field maintenance and network engineering validation Short fiber link measurement with high accuracyCompatibility & Integration Standards-agnostic multi-standard certification EXFO Connect cloud platform integration Optional wireless connectivity for remote data transfer

Features & description

From manufacturer datasheet

Features

- Fully automated bidirectional FasTest IL and length

MAXTESTER940 Characteristics / Specifications

PARAMETER	VALUE
Model	MaxTester 940 Telco OLTS (MAX-940)
Manufacturer	EXFO
Instrument Type	Handheld Telco Optical Loss Test Set
FasTesT simplex two wavelength	about 3 seconds bidirectional IL + length
FasTesT simplex three wavelength	about 6 seconds bidirectional IL + ORL + length (945/ORL configs)
MM wavelengths nm	850 +/-20 and 1300 +/-20 LED
SM wavelengths nm	1310 +/-20, 1490 +/-10, 1550 +/-20, 1625 +/-10 laser options
Loss range MM dB	20
Loss range SM simplex dB	45
Loss range SM duplex dB	50
Length range MM km	20
Length range SM km	200
Length uncertainty duplex	+/- (0.5 m + 0.5% x length)
Length uncertainty simplex	+/- (1 m + 0.5% x length)
ORL measurement range dB	50 (945 / ORL capable configs)
ORL uncertainty dB	+/-1
Source output SM1 1310/1550 dBm	2.5 typical
Source stability dB	+/-0.05 over 8 hours
Power meter detector	GeX
Power meter range dBm	25 to -50
Power meter uncertainty	+/- (5% + 10 nW)
Power meter wavelengths nm	850, 1300, 1310, 1490, 1550, 1577, 1625, 1650
Tone detection Hz	270 / 330 / 1000 / 2000
Display	7 in 800 × 480 outdoor-enhanced TFT
SizeHxWxD	166 mm x 200 mm x 68 mm

PARAMETER	VALUE
Weight with battery	1.5 kg
Interfaces	2 x USB 2.0; RJ45 LAN 10/100 Mbit/s
Storage	6 GB internal (about 150000 results)
Battery autonomy hours	12
Power supply	100-240 VAC 50-60 Hz adapter
Warranty years	3 (OEM sheet variant) / confirm faceplate
Calibration interval years	3
EF launch	EF compliant at 50/125 um MM source port with EXFO reference cord Notes Specs from EXFO MaxTester 940/945 Telco OLTS discontinued OEM sheet. MAX-940 discontinued 2023-07-01; ORL meter is primarily on 945. Confirm SM1/SM3/SM4 wavelength config and options on the unit.

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	MaxTester 940 Telco OLTS (MAX-940)
Manufacturer	EXFO
Instrument Type	Handheld Telco Optical Loss Test Set
Specifications	
PARAMETER	VALUE
FasTest simplex two wavelength	about 3 seconds bidirectional IL + length
FasTest simplex three wavelength	about 6 seconds bidirectional IL + ORL + length (945/ORL configs)
MM wavelengths nm	850 +/-20 and 1300 +/-20 LED
Specifications	
PARAMETER	VALUE
SM wavelengths nm	1310 +/-20, 1490 +/-10, 1550 +/-20, 1625 +/-10 laser options
Loss range MM dB	20
Loss range SM simplex dB	45
Specifications	
PARAMETER	VALUE
Loss range SM duplex dB	50
Length range MM km	20
Length range SM km	200
Specifications	
PARAMETER	VALUE
Length uncertainty duplex	+/- (0.5 m + 0.5% x length)
Length uncertainty simplex	+/- (1 m + 0.5% x length)
ORL measurement range dB	50 (945 / ORL capable configs)

Specifications

PARAMETER	VALUE
ORL uncertainty dB	+/-1
Source output SM1 1310/1550 dBm	2.5 typical
Source stability dB	+/-0.05 over 8 hours

Specifications

PARAMETER	VALUE
Power meter detector	GeX
Power meter range dBm	25 to -50
Power meter uncertainty	+/- (5% + 10 nW)

Specifications

PARAMETER	VALUE
Power meter wavelengths nm	850, 1300, 1310, 1490, 1550, 1577, 1625, 1650
Tone detection Hz	270 / 330 / 1000 / 2000
Display	7 in 800 x 480 outdoor-enhanced TFT

Specifications

PARAMETER	VALUE
SizeHxWxD	166 mm x 200 mm x 68 mm
Weight with battery	1.5 kg
Interfaces	2 x USB 2.0; RJ45 LAN 10/100 Mbit/s

Specifications

PARAMETER	VALUE
Storage	6 GB internal (about 150000 results)
Battery autonomy hours	12
Power supply	100-240 VAC 50-60 Hz adapter

Warranty years: 3 (OEM sheet variant) / confirm faceplate

Calibration interval years: 3

EF launch: EF compliant at 50/125 um MM source port with EXFO reference cord

Notes

Specs from EXFO MaxTester 940/945 Telco OLTS discontinued OEM sheet. MAX-940 discontinued 2023-07-01; ORL meter is primarily on 945. Confirm SM1/SM3/SM4 wavelength config and options 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

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 13, 2026

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