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Data Sheet

August 14, 2026

EXFO

EXFO ETS-1000 Ethernet Analyzer

The EXFO ETS-1000 Ethernet Analyzer is a versatile tool for testing and troubleshooting Ethernet networks. It offers comprehensive analysis capabilities, including traffic generation, performance testing, and protocol analysis. Ideal for network engineers and technicians.



MODEL

Exfo ETS-1000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ETS-1000

LISTING

<https://aumictechlabs.com/products/ets-1000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO ETS-1000 Ethernet Analyzer is a dual-port, portable instrument for installation, turn-up, and troubleshooting of Carrier Ethernet services across metro networks. It delivers traffic generation, RFC 2544 performance testing, bit-error-rate testing (BERT), and packet jitter analysis in a single platform. Field technicians and network engineers deploy it across business, mobile backhaul, and wholesale Ethernet applications. Technical Specifications **Ethernet Interfaces Electrical** 10/100/1000Base-T on RJ-45 connectors Duplex: Half and Full Duplex (10/100 Mbps); Full Duplex only (1000 Mbps) Transmission bit rate: 10 Mbit/s, 125 Mbit/s, 1 Gbit/s Transmission accuracy: ± 100 ppm Reception bit rate: 10 Mbit/s, 125 Mbit/s, 1 Gbit/s **Ethernet Interfaces Optical** 1000Base-SX: 850 nm (830–860 nm operational), –9 to –3 dBm TX, –20 dBm RX sensitivity, 550 m reach, 1.25 Gbit/s 1000Base-LX: 1310 nm (1270–1360 nm operational), –9.5 to –3 dBm TX, –22 dBm RX sensitivity, 10 km reach, 1.25 Gbit/s 1000Base-ZX: 1550 nm (1540–1570 nm operational), 0 to +5 dBm TX, –22 dBm RX sensitivity, 80 km reach, 1.25 Gbit/s All optical

interfaces: Maximum reception before damage +6 dBm; frequency measurement accuracy ± 4.6 ppm

Key Features

- RFC 2544 Testing Throughput, back-to-back, frame loss, and latency measurements using RFC-defined or user-configurable frame sizes. Supports remote loopback and asymmetrical testing modes.
- Multistream Traffic Generation & Analysis Up to 10 simultaneous traffic streams with Layer 4 generation capability.
- QoS verification via VLAN and TOS/DSCP prioritization.
- Per-stream KPI measurement: throughput, latency, frame loss.
- EtherBERT Testing Bit-error-rate testing at 10, 100, and 1000 Mbit/s. BERT operates Layer 1 through Layer 4 with optional VLAN and MPLS.

Typical Applications

- Metro Ethernet service installation and validation,
- carrier circuit turn-up, network troubleshooting, mobile backhaul performance verification, wholesale Ethernet QoS assessment.

ETS1000 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	EXFO ETS-1000
Primary Domain	transport and optical test
Interface Types Class	electrical and optical
Protocol Support Class	Ethernet SONET SDH class by options
Form Factor	ETS chassis class
Display	GUI based test applications class
Remote Control	automation interfaces class
Clocking	recovered and reference clock class
Optics	pluggable optics class by configuration
Results	pass fail and report generation class
Operating Temperature Class	laboratory/telecom
AC Powered	yes
Series Family	EXFO ETS
Modular Expansion	option dependent
Physical Layer Optics Tests	power and related class
Mapping	multi rate mapping class
Error Injection	yes class on transport testers
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class
Firmware Or Hardware Revision	confirm on unit labels
Operating temperature	Class: laboratory/telecom

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory/telecom
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Operating Temperature Class	laboratory/telecom
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Series Family	EXFO ETS
Modular Expansion	option dependent
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Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class
Firmware Or Hardware Revision	confirm on unit labels Notes Platform identity rows from EXFO ETS-class transport test literature. Confirm exact interface rates optics and software options on the ETS-1000 configuration faceplate; do not invent bit rates.

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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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.