

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEITHLEY

Keithley 2000

Exfo / Gnubi EPX2000 SONET/SDH 10 Gb/s Transmit Module The EXFO/Gnubi EPX2000 is a 10 Gb/s (OC-192/STM-64) SONET/SDH optical transmit module for EPX chassis platforms such as the EPX-16. It generates 10 Gb/s SONET/SDH traffic with optical output typically at 1550 nm and about -2 dBm, supporting payload generation, alarm/error injection workflows, and multi-session remote testing via the EPX web/GUI environment. The EXFO/Gnubi EPX2000 is a 10 Gb/s (OC-192/STM-64) SONET/SDH optical transmit module for EPX chassis platforms such as the EPX-16. It generates 10 Gb/s SONET/SDH traffic with optical output typically at 1550 nm and about -2 dBm, supporting payload generation, alarm/error injection workflows, and multi-session remote testing via the EPX web/GUI environment.



MODEL

Keithley 2000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2000

LISTING

<https://aumictechlabs.com/products/2000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2000 is a 6.5-digit digital multimeter engineered for benchtop and production testing. Built on proven high-speed, low-noise A/D converter technology, it delivers superior accuracy and measurement speed across voltage, current, resistance, frequency, and temperature measurement functions. The instrument supports internal trigger rates to 2000/s and external triggering to 500/s, enabling rapid data acquisition in multipoint scan/measure configurations with optional scanner cards. Technical Specifications DC Voltage: 0.1 μ V to 1000 V with 0.002% basic accuracy (90-day) and 1 M Ω $\pm$ 2% input impedance. AC voltage spans 0.1 μ V to 750 V RMS (1000

V peak), with linearity of $\pm(1 \text{ ppm reading} + 2 \text{ ppm range})$ on the 10 V DC range. Current Measurement: DC range 10 nA to 3 A; AC range 1 μA to 3 A. Both protected by 3 A, 250 V fuses with burden voltage $<0.3 \text{ V rms}$ on 1 A range and $<1 \text{ V rms}$ on 3 A range. Resistance: 100 $\mu\Omega$ to 100 M Ω with 0.008% basic accuracy (90-day) and 1000 V input protection across all ranges. Frequency & Period: Frequency measurement from 3 Hz to 500 kHz; period from 2 μs to 333 ms. Accuracy 0.01% $\pm(\text{ppm of reading})$ with 1 s gate time. Temperature: Supports J, K, and T-type thermocouples with Type J range -200°C to $+260^{\circ}\text{C}$. Speed & Throughput: Up to 2000 readings/second at 4.5 digits (internal buffer); 50 triggered readings/second at 6.5 digits over IEEE-488 bus; 55/s via RS-232 at 19.2k baud. Autoranging completes in $<30 \text{ ms}$ to 70 dB with 1 k Ω in LO lead Compatibility & Integration Supports SCPI, Keithley 196/199, Fluke 8840A, and Fluke 8842A command sets. IEEE-488 interface enables multipoint scanning and integration with production test systems.

Features & description

From manufacturer datasheet

Features

- 10 Gb/s OC-192 / STM-64 optical transmitter

Applications

- OC-192 / STM-64 optical transmit BERT and stress testing

2000 Characteristics / Specifications

PARAMETER	VALUE
Model	EPX2000
Manufacturer	EXFO / Gnubi
Instrument Type	SONET/SDH 10 Gb/s Optical Transmit Module
Alias	EPX 2000; Gnubi EPX2000; EPX-2000
Chassis	EPX series including EPX-16
Slot usage	one slot
Transmit rate	OC-192 / STM-64 10 Gb/s
Signal rate class	9.95328 Gbit/s SONET OC-192
Protocol	SONET / SDH
Wavelength typical	1550 nm
Optical connector class	ST/PC
Output power typical	-2 dBm $\pm$ 1.5 dB
Max output power class	-2 dBm
Function	optical transmit / traffic generation
Remote access	web browser UI: EPXam graphical and command-line
Concurrent sessions	multiple
Operating temperature class	0 C to 40 C non-condensing (EPX family)
Warranty standard class	1 year parts and labor (EPX family)
Timing references class	chassis clock modules / BITS / internal (EPX family)
Payload generation	SONET/SDH framed payloads
Alarm error insertion	supported in EPX transmit workflow
Multi module testing	yes within one chassis
Preferred companion class	EPX3000 receive class modules
Form	plug-in EPX card
Product family	EPX8 / EPX16 modular test system

PARAMETER	VALUE
Remote control features	set up; start; stop; monitor
Max modules per chassis class	up to 17 (EPX family)
Compliance class	SONET/SDH 10G optical transmit Notes Specs from Gnubi/EXFO EPX2000 reseller OEM listings and ArtisanTG module descriptions. Confirm exact wavelength, connector polish, firmware feature set, and paired receive module on the installed chassis.
Operating temperature	class: 0 C to 40 C non-condensing (EPX family)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	class: 0 C to 40 C non-condensing (EPX family)
Operating Temperature	class: 0 C to 40 C non-condensing (EPX family)
Operating temperature class	0 C to 40 C non-condensing (EPX family)
Warranty standard class	1 year parts and labor (EPX family)
Timing references class	chassis clock modules / BITS / internal (EPX family)
Payload generation	SONET/SDH framed payloads
Alarm error insertion	supported in EPX transmit workflow
Multi module testing	yes within one chassis
Preferred companion class	EPX3000 receive class modules
Form	plug-in EPX card
Product family	EPX8 / EPX16 modular test system
Remote control features	set up; start; stop; monitor
Max modules per chassis class	up to 17 (EPX family)
Compliance class	SONET/SDH 10G optical transmit Notes Specs from Gnubi/EXFO EPX2000 reseller OEM listings and ArtisanTG module descriptions. Confirm exact wavelength, connector polish, firmware feature set, and paired receive module on the installed chassis.

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	EPX2000
Manufacturer	EXFO / Gnubi
Instrument Type	SONET/SDH 10 Gb/s Optical Transmit Module
Specifications	
PARAMETER	VALUE
Alias	EPX 2000; Gnubi EPX2000; EPX-2000
Chassis	EPX series including EPX-16
Slot usage	one slot
Specifications	
PARAMETER	VALUE
Transmit rate	OC-192 / STM-64 10 Gb/s
Signal rate class	9.95328 Gbit/s SONET OC-192
Protocol	SONET / SDH
Specifications	
PARAMETER	VALUE
Wavelength typical	1550 nm
Optical connector class	ST/PC
Output power typical	-2 dBm ±1.5 dB
Specifications	
PARAMETER	VALUE
Max output power class	-2 dBm
Function	optical transmit / traffic generation
Remote access	web browser

Specifications

PARAMETER	VALUE
UI	EPXam graphical and command-line
Concurrent sessions	multiple
Operating temperature class	0 C to 40 C non-condensing (EPX family)

Warranty standard class: 1 year parts and labor (EPX family)

Specifications

PARAMETER	VALUE
Timing references class	chassis clock modules / BITS / internal (EPX family)
Payload generation	SONET/SDH framed payloads
Alarm error insertion	supported in EPX transmit workflow

Specifications

PARAMETER	VALUE
Multi module testing	yes within one chassis
Preferred companion class	EPX3000 receive class modules
Form	plug-in EPX card

Specifications

PARAMETER	VALUE
Product family	EPX8 / EPX16 modular test system
Remote control features	set up; start; stop; monitor
Max modules per chassis class	up to 17 (EPX family)

Compliance class: SONET/SDH 10G optical transmit

Notes

Specs from Gnubi/EXFO EPX2000 reseller OEM listings and ArtisanTG module descriptions. Confirm exact wavelength, connector polish, firmware feature set, and paired receive module on the installed chassis.

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.