


Aumictech

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

IOTECH

IOtech DaqBook/2000

The IOtech DaqBook/2000 is a modular data acquisition system delivering 16-bit resolution at 200 kHz sampling rates for laboratory and portable measurement applications. It combines analog input, output, and digital I/O in a single chassis, with extensive expansion capability through the DBK modular signal conditioning system. Programmable ranges: 13 software-selectable options from ± 10 V full scale to ± 156 mV full scale Expandable to 256 channels via DBK signal conditioning modules while maintaining 200 kHz scan rate Analog Outputs (P3 Connector / Optional DBK46) Supports continuous waveform output via Bus Mastering DMA from PC memory or disk Digital I/O



MODEL

**IOtech
DaqBook/2000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DaqBook/2000

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The IOtech DaqBook/2000 is a modular data acquisition system delivering 16-bit resolution at 200 kHz sampling rates for laboratory and portable measurement applications. It combines analog input, output, and digital I/O in a single chassis, with extensive expansion capability through the DBK modular signal conditioning system. Technical Specifications Analog-to-Digital Converter Resolution: 16-bit Maximum sampling rate: 200 kHz Channel scan rate: 5 μ s per channel Analog Inputs (P1 Connector) Configuration: 16 single-ended or 8 differential inputs Programmable ranges: 13 software-selectable options from ± 10 V full scale to ± 156 mV full scale Per-channel

software configuration for range, input mode, and polarity Expandable to 256 channels via DBK signal conditioning modules while maintaining 200 kHz scan rate Analog Outputs (P3 Connector / Optional DBK46) Available on /2001 and /2020 models Four channels at 16-bit resolution Maximum output rate: 100 kHz Output range: -10 V to +10 V Supports continuous waveform output via Bus Mastering DMA from PC memory or disk Digital I/O On-board: 40 lines P2 connector: 24 general-purpose lines or expansion port for up to 192 external lines P3 connector: 16-bit digital port Expandable to 272 total digital I/O channels (256 via P2 expansion) Support for TTL-level, relay, and optically isolated I/O types High-speed digital inputs acquired as A/D channel 272 using ADC pacing clock (16-bit word) Counters and Timers (P3 Connector) Four counter/pulse input channels Two timer/pulse output channels Synchronous or asynchronous operation with analog inputs Key Features Three 37-pin DSUB connectors (P1, P2, P3) on front panel for signal connectivity 100-pin rear connector (P4) for DBK200 Series device expansion Modular DBK signal conditioning architecture for custom configurations Per-channel software configurability across all input modes and ranges Compatibility & Integration Integrates with the complete DBK signal conditioning and expansion module family, supporting specialized measurement requirements across industrial, research, and embedded data acquisition applications.

Features & description

From manufacturer datasheet

Features

• OC-192 or STM-64 transmit • Selectable payload mappings • Alarm, error, trace, pointer, K1/K2 control • Web browser multi-session remote control class • EPX chassis modular slot install • 1550 nm optical class

Applications

• OC-192 / STM-64 signal generation for network element turn-up • SONET/SDH overhead and payload stress testing • Alarm, error, and pointer event injection • Multi-rate/protocol testing within shared EPX chassis • Lab and production SONET/SDH validation

DAQBOOK2000 Characteristics / Specifications

PARAMETER	VALUE
Model	EPX-2000
Manufacturer	EXFO / Gnubi
Instrument Type	OC-192/STM-64 Optical Transmitter Module
Alias	EPX2000; Gnubi EPX2000; EPX 2000
Signal rate	OC-192 / STM-64 (10 Gb/s class)
Protocol	SONET / SDH
Wavelength typical	1550 nm
Optical output power	-2 dBm $\pm$ 1.5 dB
Optical interface class	ST/PC class (confirm faceplate)
Payload generation	full-featured SONET/SDH payload
Overhead insertion	yes
Alarm generation	yes
Error injection	yes
Trace messages	yes
Pointer events	yes
K1 K2 byte values and messages	yes
Payload mappings	selectable
Chassis	EPX-8 / EPX-16 class modular systems
Remote control	web browser multi-session class
Controller pairing	EPX chassis CPU (EPX000 class)
Discontinued date	2006-06-30
End of service date	2009-06-30
Form	single-slot chassis module
Primary use	10 Gb/s SONET/SDH transmit testing
Timing references	EPX chassis / EPX100 clock class

PARAMETER

VALUE

Multi protocol chassis

concurrent rates/protocols in one shelf

Installation

EPX modular backplane slot

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	EPX-2000
Manufacturer	EXFO / Gnubi
Instrument Type	OC-192/STM-64 Optical Transmitter Module
Alias	EPX2000; Gnubi EPX2000; EPX 2000
Signal rate	OC-192 / STM-64 (10 Gb/s class)
Protocol	SONET / SDH
Wavelength typical	1550 nm
Optical output power	-2 dBm ±1.5 dB
Optical interface class	ST/PC class (confirm faceplate)
Payload generation	full-featured SONET/SDH payload
Overhead insertion	yes
Alarm generation	yes
Error injection	yes
Trace messages	yes
Pointer events	yes
K1 K2 byte values and messages	yes
Payload mappings	selectable
Chassis	EPX-8 / EPX-16 class modular systems
Remote control	web browser multi-session class
Controller pairing	EPX chassis CPU (EPX000 class)
Discontinued date	2006-06-30
End of service date	2009-06-30
Form	single-slot chassis module
Primary use	10 Gb/s SONET/SDH transmit testing
Timing references	EPX chassis / EPX100 clock class
Multi protocol chassis	concurrent rates/protocols in one shelf

PARAMETER	VALUE
Installation	EPX modular backplane slot
Notes Specs from EXFO discontinued EPX-2000 page and Gnubi/Artisan reseller listings. Confirm optical connector, exact output power, and payload mapping options on the module label and original datasheet PDF.	

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.