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Data Sheet

August 12, 2026

FLUKE

Fluke 2286A Precision datalogging system

Fluke 2286A Precision Data Logging System The Fluke 2286A is a precision data-logging system for multi-channel acquisition and recording of measurement data in laboratory and industrial monitoring applications. Public English OEM parametric tables for this exact SKU are limited compared with later Fluke Hydra/NetDAQ families. The Fluke 2286A is a precision data-logging system for multi-channel acquisition and recording of measurement data in laboratory and industrial monitoring applications. Public English OEM parametric tables for this exact SKU are limited compared with later Fluke Hydra/NetDAQ families.



MODEL

Fluke 2286A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2286A

LISTING

<https://aumictechlabs.com/products/2286a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 2286A Precision Datalogging System is a high-accuracy data acquisition platform for industrial and laboratory measurement applications. It captures temperature, voltage, current, resistance, and specialized sensor data across configurable channels with precise logging to internal storage and external media. The system delivers DC voltage accuracy of $\pm 0.05\%$ of reading + 0.02% of range, making it suitable for process monitoring, quality control, and research environments requiring traceable, long-term data collection. Technical Specifications Analog Input Channels: 16 single-ended or 8 differential channels measuring DC voltage and current, AC voltage, resistance, frequency, thermocouples, RTDs, and strain gauges. Temperature and pressure measurement also supported. Digital I/O: 8 channels for discrete input/output control.

Channel Expansion: Up to 100 channels per mainframe; expandable to 1,500 channels total. Measurement Rates: 4 to 1,000 readings per second (rps), with peak sampling to 1.8 MS/s depending on configuration. Voltage Ranges: DC voltage input from -10 to 300 V DC, with selectable ranges from 90 mV to 50 V, 90 mV to 150 V, and 90 mV to 300 V. Math & Scaling: 20 math channels supporting 15 mathematical operations; Mx+B scaling per channel; 2 independent user-defined alarms per channel. Storage: 64 MB non-volatile memory with USB and RS-232C connectivity for data transfer and archival.

Key Features 5.7-inch color LCD touchscreen with menu-driven navigation Internal 40-column printer and 3.5-inch disk drive for immediate data capture Universal Input Module for multi-signal-type measurement without external conditioning Dual-voltage operation: 100–240 VAC (50/60 Hz) or 12 V DC for field deployment Compact form factor: 10.3 × 13.2 × 4.9 inches, 8.6 lbs

Typical Applications Process validation, environmental monitoring, equipment qualification, thermal characterization, and long-duration acquisition where data traceability and automated alerting are required.

Compatibility & Integration Fluke DAQ application software provides configuration, trend visualization, remote access, and email notification. Ethernet and RS-232 interfaces enable network integration and legacy equipment connectivity.

Features & description

From manufacturer datasheet

Features

• Precision data-logging system architecture • Multi-channel acquisition class instrument • Fluke brand precision logger family

Applications

• Multi-channel precision data logging • Lab and process monitoring with recorded trends • Automated acquisition where 2286A procedures apply

2286A Characteristics / Specifications

PARAMETER	VALUE
Model	2286A
Manufacturer	Fluke
Instrument Type	Precision datalogging system Notes Channel count, sample rates, input types, and accuracy tables were not verified from a primary public OEM datasheet in this pass. Confirm faceplate configuration, scanner/module options, and manuals shipped with the unit.
Alias	2286A; Fluke 2286A

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	2286A
Manufacturer	Fluke
Instrument Type	Precision Data Logging System
Alias	2286A; Fluke 2286A

Instrument type: Precision datalogging system

Notes

Channel count, sample rates, input types, and accuracy tables were not verified from a primary public OEM datasheet in this pass. Confirm faceplate configuration, scanner/module options, and manuals shipped with 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

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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.