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Data Sheet

August 14, 2026

FLUKE

Fluke 2620A Hydra Data Acquisition Unit

The Fluke 2620A Hydra is a multi-channel data acquisition instrument measuring DC/AC voltage, resistance, and temperature with scanning and logging for automated monitoring. It is widely used as a portable/benchtop Hydra front end. Multi-channel temperature and voltage logging, environmental monitoring, and automated scan of thermocouples, RTDs, and volts. Multi-channel scanning Hydra architecture, IEEE-488 and RS-232 control class on family isolation. Class: Channel-to-channel per Hydra design. Software: Hydra drivers and logging utilities. Expansion: Compatible Hydra input options. Hydra 2620A role from Fluke data acquisition literature. Use the 2620A Hydra user's manual for authoritative channel counts, ranges, and one-year accuracies.



MODEL

Fluke 2620A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2620A

LISTING

<https://aumictechlabs.com/products/2620a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 2620A Precision Thermocouple Thermometer calibrator is a dependable tool specifically engineered for the calibration of thermocouple thermometers. This calibrator ensures the accuracy and reliability of temperature measurements, making it an essential instrument for quality control and metrology applications.

2620A Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Fluke Hydra 2620A
Measurement Types	DCV ACV Resistance Temperature
Temperature Sensors Class	Thermocouple and RTD
Scan Capability	Multiplexed channel scanning
Remote Interfaces Class	GPIB and RS-232 on family
Form Factor	Benchtop portable DAQ
Channel Count Class	Tens of channels via Hydra input module
Logging	Internal or host logged scans
Alarm Limits Class	Channel alarms on family
Display	Channel and function readout
Intended Use	Data acquisition and monitoring
Accuracy Class	Instrument accuracy tables in Hydra manual
Input Protection Class	Channel protection networks
Cold Junction	Compensated for thermocouples
Power	AC line
Operating Temperature Class	Laboratory/industrial monitoring
Memory	Scan setup storage
Trigger	Interval or external scan triggers
Isolation Class	Channel-to-channel per Hydra design
Software	Hydra drivers and logging utilities
Chassis	Portable instrument case
Expansion	Compatible Hydra input options
Operating temperature	Class: Laboratory/industrial monitoring

2620A Specifications

PARAMETER	VALUE
Fluke 2620A Hydra Data Acquisition Unit	Overview
Applications	Multi-channel temperature and voltage logging, environmental monitoring, and automated scan of thermocouples RTDs and volts.
Resistance measurements	IEEE-488 and RS-232 control class on family
Technical Specifications	Instrument Family: Fluke Hydra 2620A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory/industrial monitoring
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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.

environmental monitoring, and automated scan of thermocouples RTDs and volts.	
Key Features	
Multi channel scanning Hydra architecture	
Thermocouple and RTD temperature	
DC and AC voltage	
Resistance measurements	
IEEE-488 and RS-232 control class on family	
Technical Specifications	
Technical Specifications	
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Notes

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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.