

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 8024B Digital Multimeter

The Fluke 8024B is a classic handheld digital multimeter in the Fluke 8000-series family for field voltage current and resistance measurements. OEM Fluke 8000 literature emphasizes rugged construction, continuity, and analog/digital display features of the era. Field electrical troubleshooting, general purpose voltage current resistance checks, and secondary metering where an 8000-series handheld is specified. Instrument Family: Fluke 8024B digital multimeter Functions: VDC VAC current resistance continuity diode class Field electrical troubleshooting, general purpose voltage current resistance checks, and secondary metering where an 8000-series handheld is specified. Instrument Family: Fluke 8024B digital multimeter Functions: VDC VAC current resistance continuity diode class Input Impedance Class: 10 MOhm class DC volts



MODEL

Fluke 8024B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8024B

LISTING

<https://aumictechlabs.com/products/8024b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

Power Source: Single 9 V battery (NEDA 1604) Battery Life: Alkaline 100 hours typical; zinc carbon 50 hours typical Operating Temperature: 0 °C to 50 °C Storage Temperature: -35 °C to +60 °C Line Operation: Compatible with Model A81 Battery Eliminator

8024B Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Fluke 8024B digital multimeter
Functions	VDC VAC current resistance continuity diode class
Display	digital LCD class
Ranging	manual or auto class per model
Form Factor	handheld
Battery Powered	yes
Continuity	audible class
Diode Test	yes
Input Impedance Class	10 MOhm class DC volts
Fused Current Inputs	yes class
Safety Category Class	CAT rated per faceplate
Operating Temperature Class	field handheld
Series Family	Fluke 8000
Hold Function Class	configuration dependent
Relative Mode Class	configuration dependent
AC Response Class	average or True-RMS per faceplate
Maximum Voltage Class	per faceplate
Holster	optional class
Test Leads	banana class
Weight Class	handheld
Calibration Interval Class	annual class
Handheld Portable	yes
Operating temperature	Class: field handheld

8024B Specifications

PARAMETER	VALUE
Fluke 8024B Digital Multimeter	Overview
Continuity and diode test class	Multi range V/I/ohms
Technical Specifications	Instrument Family: Fluke 8024B digital multimeter

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: field handheld
Operating Temperature	Class: field handheld
Operating Temperature Class	field handheld
Series Family	Fluke 8000
Hold Function Class	configuration dependent
Relative Mode Class	configuration dependent
AC Response Class	average or True-RMS per faceplate
Maximum Voltage Class	per faceplate
Holster	optional class
Test Leads	banana class
Weight Class	handheld
Calibration Interval Class	annual class
Handheld Portable	yes Notes Identity and family capability rows from Fluke 8024B / 8000-series literature. Confirm exact ranges and accuracy on the operating manual for calibration.

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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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.