

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

FLUKE

Fluke 8062A Digital Multimeter, 4.5 Digits

Fluke 8062A Digital Multimeter 4.5 Digits The Fluke 8062A is a handheld 4.5-digit, 20,000-count true-RMS digital multimeter for field and bench use. It measures DC/AC voltage, DC/AC current, and resistance with relative and continuity functions, targeting audio, video, telecom, and computer service work where higher resolution than 3.5-digit meters is needed. The Fluke 8062A is a handheld 4.5-digit, 20,000-count true-RMS digital multimeter for field and bench use. It measures DC/AC voltage, DC/AC current, and resistance with relative and continuity functions, targeting audio, video, telecom, and computer service work where higher resolution than 3.5-digit meters is needed.



MODEL

Fluke 8062A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8062A

LISTING

<https://aumictechlabs.com/products/8062a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 8062A is a handheld, microcomputer-based digital multimeter with a 4.5-digit display (20,000 counts) designed for field, laboratory, and shop environments. Built around dual-slope integration A/D conversion, it delivers noise-free measurements across DC and AC voltage, current, resistance, and capacitance. True-RMS AC measurements extend to 30 kHz, making it suitable for audio, video, telecommunications, and computer technology work. The instrument incorporates relative reference (offset) capability, low-power ohms for in-circuit testing, constant-current diode test mode, and fast continuity indication. All inputs receive overload protection up to 1500V peak, with dual fusing (2A/250V and 3A/600V backup). Technical Specifications Display &

Resolution 4.5 digits, 20,000 counts maximum DC Voltage (VDC) Ranges: 200.00 mV, 2.0000 V, 20.000 V, 200.00 V, 1000.0 V Accuracy: $\pm(0.05\% + 2 \text{ counts})$ AC Voltage (VAC, True-RMS) Ranges: 200.00 mV, 2.0000 V, 20.000 V, 200.00 V, 750.0 V Accuracy: $\pm(0.5\% + 10 \text{ counts})$ Bandwidth: 30 kHz DC Current (ADC) Ranges: 200.00 μA , 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA Accuracy: $\pm(0.3\% + 2 \text{ counts})$ AC Current (AAC, True-RMS) Ranges: 200.00 μA , 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA Accuracy: $\pm(0.75\% + 10 \text{ counts})$ Resistance (Ohms) Ranges: 200.00 Ω , 2.0000 k Ω , 20.000 k Ω , 200.00 k Ω , 300.0 M Ω Accuracy: $\pm(0.1\% + 2 \text{ counts})$ Low-power ohms across all ranges for in-circuit testing Autoranging up to 300 M Ω Diode & Continuity Constant-current diode test mode Fast audible-visual continuity tests Protection Overload protection: 1500V peak Fuses: 2A/250V and 3A/600V backupKey Features Relative reference (offset) mode stores input signals and displays deviation from stored value across all functions and ranges Dual-slope integration converter eliminates noise in measurement Capacitance measurement capability Automatic polarity and overrange indicationTypical Applications Audio, video, telecommunications, and computer technology troubleshooting and maintenance by field technicians and laboratory engineers.

Features & description

From manufacturer datasheet

Features

- 4.5-digit duplex LCD, 19,999 counts
- True-RMS AC voltage and current, AC-coupled
- Relative mode and audible continuity
- Operator self-test routines
- Long battery life from standard 9 V cell

Applications

- Precision handheld DC voltage and resistance checks
- True-RMS AC voltage and current troubleshooting
- Relative measurements and continuity testing
- Service of audio, video, telecom, and computer equipment

8062A Characteristics / Specifications

PARAMETER	VALUE
Model	8062A
Manufacturer	Fluke
Instrument Type	Digital Multimeter
Alias	8062A; Fluke 8062A
Digits	4.5; 20,000 count
DC voltage ranges	200.00 mV; 2.0000 V; 20.000 V; 200.00 V; 1000.0 V
AC voltage ranges	200.00 mV; 2.0000 V; 20.000 V; 200.00 V; 750.0 V
AC voltage basic accuracy	+/-0.5% + 10 digits true-RMS AC-coupled
DC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
DC current basic accuracy	+/-0.3% + 2 digits
AC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
AC current basic accuracy	+/-0.75% + 10 digits true-RMS
Resistance ranges	200.00 ohm; 2.0000 kohm; 20.000 kohm; 200.00 kohm; 300.0 Mohm class
Resistance basic accuracy	+/-0.1% + 2 digits
Frequency function	not available on 8062A; available on 8060A dBm function: not available on 8062A; available on 8060A
Display update rate	2.5 readings/s
Maximum common mode voltage	500 V DC or AC rms
A/D converter	dual-slope
Power	single 9 V battery NEDA 1604; optional A-81 eliminator
Battery life	typically 170 hours alkaline
Size	180 mmLx 86 mmWx 45 mmHWeight: 0.41 kg / 14.5 oz
Operating temperature	0 to 50 degC
Storage temperature	-35 to +60 degC
Accuracy temperature window	18 to 28 degC; RH not exceeding 90%

PARAMETER	VALUE
Calibration interval basis	one-year specifications Notes Specs from Fluke 8060A/8062A product specifications and 8062A instruction manual. Confirm leads, battery option, and calibration date on the unit.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	35 to +60 degC
Operating temperature	0 to 50 degC
Operating Temperature	0 to 50 degC
Accuracy temperature window	18 to 28 degC; RH not exceeding 90%
Calibration interval basis	one-year specifications Notes Specs from Fluke 8060A/8062A product specifications and 8062A instruction manual. Confirm leads, battery option, and calibration date on the unit.

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
AC voltage ranges	200.00 mV; 2.0000 V; 20.000 V; 200.00 V; 750.0 V
AC voltage basic accuracy	+/-0.5% + 10 digits true-RMS AC-coupled
DC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
DC current basic accuracy	+/-0.3% + 2 digits
AC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
AC current basic accuracy	+/-0.75% + 10 digits true-RMS
Resistance ranges	200.00 ohm; 2.0000 kohm; 20.000 kohm; 200.00 kohm; 300.0 Mohm class
Resistance basic accuracy	+/-0.1% + 2 digits
Frequency function	not available on 8062A; available on 8060A
dBm function	not available on 8062A; available on 8060A
Display update rate	2.5 readings/s
Maximum common mode voltage	500 V DC or AC rms
A/D converter	dual-slope
Power	single 9 V battery NEDA 1604; optional A-81 eliminator
Battery life	typically 170 hours alkaline
Size	180 mm L x 86 mm W x 45 mm H
Weight	0.41 kg / 14.5 oz
Operating temperature	0 to 50 degC
Storage temperature	-35 to +60 degC
Accuracy temperature window	18 to 28 degC; RH not exceeding 90%
Calibration interval basis	one-year specifications
Specifications	
PARAMETER	VALUE
Model	8062A
Manufacturer	Fluke

PARAMETER	VALUE
Instrument Type	Digital Multimeter
Alias	8062A; Fluke 8062A
Digits	4.5; 20,000 count
DC voltage ranges	200.00 mV; 2.0000 V; 20.000 V; 200.00 V; 1000.0 V

DC voltage basic 1-year accuracy: +/-0.05% + 2 digits

Specifications

PARAMETER	VALUE
AC voltage ranges	200.00 mV; 2.0000 V; 20.000 V; 200.00 V; 750.0 V
AC voltage basic accuracy	+/-0.5% + 10 digits true-RMS AC-coupled
DC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
DC current basic accuracy	+/-0.3% + 2 digits
AC current ranges	200.00 uA; 2.0000 mA; 20.000 mA; 200.00 mA; 2000.0 mA
AC current basic accuracy	+/-0.75% + 10 digits true-RMS
Resistance ranges	200.00 ohm; 2.0000 kohm; 20.000 kohm; 200.00 kohm; 300.0 Mohm class
Resistance basic accuracy	+/-0.1% + 2 digits
Frequency function	not available on 8062A; available on 8060A
dBm function	not available on 8062A; available on 8060A
Display update rate	2.5 readings/s
Maximum common mode voltage	500 V DC or AC rms
A/D converter	dual-slope
Power	single 9 V battery NEDA 1604; optional A-81 eliminator
Battery life	typically 170 hours alkaline
Size	180 mmLx 86 mmWx 45 mmHWeight: 0.41 kg / 14.5 oz
Operating temperature	0 to 50 degC
Storage temperature	-35 to +60 degC
Accuracy temperature window	18 to 28 degC; RH not exceeding 90%
Calibration interval basis	one-year specifications

Notes
Specs from Fluke 8060A/8062A product specifications and 8062A instruction manual. Confirm leads, battery option, and calibration date on 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

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.