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Data Sheet

August 14, 2026

FLUKE

Fluke 8060A True RMS Digital Multimeter

The Fluke 8060A is a handheld 4.5 digit 20000 count true RMS digital multimeter with frequency and dBm measurements for field and laboratory electronics work. Audio video telecommunications and computer technology troubleshooting requiring true RMS AC, dBm, frequency, and high resistance measurements. Conductance diode and continuity functions DC Voltage Ranges: 200.00 mV 2.0000 V 20.000 V 200.00 V 1000.0 V Frequency Span Class: 12 Hz to greater than 200 kHz Conductance Accuracy: plus or minus (0.5 percent plus 20) Battery Life Typical: 170 hours alkaline 9 V From Fluke 8060A/8062A handheld multimeter specification literature and 8060A instrument manual feature summary.



MODEL

Fluke 8060A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8060A

LISTING

<https://aumictechlabs.com/products/8060a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 8060A is a microcomputer-based 4.5-digit handheld digital multimeter delivering True RMS measurement capabilities for accurate AC voltage and current readings on non-sinusoidal waveforms. The instrument combines precision and reliability across voltage, current, resistance, frequency, conductance, continuity, diode, and decibel measurements - making it essential for engineers and technicians in audio, video, telecommunications, and computer technology. Technical Specifications Display and Resolution 4.5-digit LCD with 20,000 counts. DC Voltage (VDC) Ranges: 200.00 mV, 2.0000 V, 20.000 V, 200.00 V, 1000.0 V. Best accuracy $\pm(0.04\% + 2)$. Input impedance >1000 M Ω . **AC Voltage (VAC) True RMS, AC Coupled** Ranges: 200.00 mV,

2.0000 V, 20.000 V, 200.00 V, 750.0 V. Accuracy $\pm(0.2\% + 10)$. Frequency response to 100 kHz. DC Current (ADC) Ranges: 200.00 μ A, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA. Best accuracy $\pm(0.2\% + 2)$. **AC Current (AAC) True RMS** Ranges: 200.00 μ A, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA. Accuracy $\pm(0.75\% + 10)$. Frequency response to 30 kHz. Resistance Ranges: 200.00 Ω to 300.0 M Ω . Best accuracy $\pm(0.07\% + 2)$. Includes low-power ohms for in-circuit testing. Frequency Ranges: 200.00 Hz, 2.0000 kHz, 20.000 kHz, 200.00 kHz. Accuracy $\pm(0.05\% + 1)$. Measurement span 12 Hz to over 200 kHz. Conductance Range: 2000.0 nS. Accuracy $\pm(0.5\% + 20)$. Continuity Fast audible and visual indication. Recognizes continuity as brief as 50 microseconds. Diode Test Constant-current mode. Range 2 V, test current 1 mA. Decibels (dBm) Reference: 600 Ω . Ranges: -50.00 to +60.00 dBm. Accuracy $\pm(0.15 \text{ dB})$. Key Features True RMS measurement for non-sinusoidal waveforms Relative reference (REL) function stores reference values to display differences across voltage, current, resistance, conductance, frequency, and decibel measurements Software-controlled self-test for internal circuit verification Double-fused current inputs with extensive overload protection Single 9V battery with typical operating life of 170 hours Typical Applications Audio and video system testing, telecommunications equipment troubleshooting, computer hardware diagnostics, and general electronic circuit characterization.

8060A Characteristics / Specifications

PARAMETER	VALUE
Display Counts	20000 count 4.5 digit
DC Voltage Ranges	200.00 mV 2.0000 V 20.000 V 200.00 V 1000.0 V
DC Voltage Best Accuracy	plus or minus (0.04 percent plus 2)
DC Voltage Resolution Best	10 uV
AC Voltage Ranges True RMS	200.00 mV 2.0000 V 20.000 V 200.00 V 750.0 V
AC Voltage Best Accuracy	plus or minus (0.2 percent plus 10) dBm Range 600 Ohm Reference: minus 50.00 to plus 60.00 dBm dBm Accuracy: plus or minus 0.15 dB dBm Resolution: 0.01 dB
DC Current Ranges	200.00 uA 2.0000 mA 20.000 mA 200.00 mA 2000.0 mA
DC Current Best Accuracy	plus or minus (0.2 percent plus 2)
AC Current Ranges True RMS	200.00 uA 2.0000 mA 20.000 mA 200.00 mA 2000.0 mA
AC Current Best Accuracy	plus or minus (0.75 percent plus 10)
Resistance Ranges	200.00 ohm to 300.0 MOhm
Resistance Best Accuracy	plus or minus (0.07 percent plus 2)
Frequency Ranges	200.00 Hz 2.0000 kHz 20.000 kHz 200.00 kHz
Frequency Best Accuracy	plus or minus (0.05 percent plus 1)
Frequency Span Class	12 Hz to greater than 200 kHz
Conductance Range	2000.0 nS
Conductance Accuracy	plus or minus (0.5 percent plus 20)
Battery Life Typical	170 hours alkaline 9 V
Weight	0.41 kg (0.90 lb)
Size	180 mm x 86 mm x 45 mm

8060A Specifications

PARAMETER	VALUE
Fluke 8060A True RMS Digital Multimeter	Overview
Key Features	True RMS AC to 100 kHz class
Frequency measurements to 200 kHz	dBm referenced to 600 ohms
Technical Specifications	Display Counts: 20000 count 4.5 digit
Notes	From Fluke 8060A/8062A handheld multimeter specification literature and 8060A instrument manual feature summary.

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
Display Counts	20000 count 4.5 digit
DC Voltage Ranges	200.00 mV 2.0000 V 20.000 V 200.00 V 1000.0 V
DC Voltage Best Accuracy	plus or minus (0.04 percent plus 2)
DC Voltage Resolution Best	10 uV
AC Voltage Ranges True RMS	200.00 mV 2.0000 V 20.000 V 200.00 V 750.0 V
AC Voltage Best Accuracy	plus or minus (0.2 percent plus 10)
dBm Range 600 Ohm Reference	minus 50.00 to plus 60.00 dBm
dBm Accuracy	plus or minus 0.15 dB
dBm Resolution	0.01 dB
DC Current Ranges	200.00 uA 2.0000 mA 20.000 mA 200.00 mA 2000.0 mA
DC Current Best Accuracy	plus or minus (0.2 percent plus 2)
AC Current Ranges True RMS	200.00 uA 2.0000 mA 20.000 mA 200.00 mA 2000.0 mA
AC Current Best Accuracy	plus or minus (0.75 percent plus 10)
Resistance Ranges	200.00 ohm to 300.0 MOhm
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Frequency Ranges	200.00 Hz 2.0000 kHz 20.000 kHz 200.00 kHz
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Notes	
From Fluke 8060A/8062A handheld multimeter specification literature and 8060A instrument manual feature summary.	

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.