

Fluke 8060A/8062A 4-1/2 Digital Handheld Multimeters

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Fluke's 8060A and 8062A 4-1/2-digit/20000 Count DMMs offer more measurement capabilities than many bench/portable models. Well suited for engineers and technicians working in audio, video, telecommunications, or computer technology, both meters combine precision and accuracy with a wealth of features to fit nearly every application.

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New

Download [application notes](#) for more information on multimeter procedures. **New**

- True-rms AC voltage and current measurement (Volts to 100 kHz [8060A]; Volts to 30 kHz [8062A])
- Fast audible-visual continuity tests
- Relative Reference (offset): When measuring ohms with the 8060A or 8062A, the relative reference function displays only the difference between a stored reference value and a measured value,

even if the range was changed between readings. Relative mode works in all functions and ranges.

- Low-power ohms on all resistance ranges, for in-circuit resistor tests
- Constant-current diode test mode
- Resistance and conductance measurements
- Frequency and dB measurements (8060A). The 8060A's direct dB readout (referenced to 600Ohms) easily and accurately measures the dB gain or loss of amplifiers, filters or attenuators.
- Digital Display/Counts: 20000
- Resistance to 300 M Ω

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Fluke 8060A/8062A 4-1/2 Digit Handheld Multimeters Specifications

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Technical Specifications

VDC	Range and Resolution: 200.00 mV, 2.0000V, 20.000V, 200.00V, 1000.0V 8060A: 200.00 mV, 2.0000V, 20.000V, 200.00V, 1000.0V 8062A: $\pm (0.05\%+2)$
VAC (True-RMS, AC Coupled)	Range and Resolution: 200.00 mV, 2.0000V, 20.000V, 200.00V, 750.0V 8060A: $\pm (0.2\%+10)$ 8062A: $\pm (0.5\%+10)$
dBm, 600Ohms reference	Range and Resolution: -50.00 - +60.00 dBm 8060A: $\pm (0.15 \text{ dB})$ 8062A: NA
ADC	Range and Resolution: 200.00 μ A, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA 8060A: $\pm (0.2\%+2)$ 8062A: $\pm (0.3\%+2)$
AAC (True-RMS)	Range and Resolution: 200.00 μ A, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA 8060A: $\pm (0.75\%+10)$ 8062A: $\pm (0.75\%+10)$
Resistance	Range and Resolution: 200.000Ohms, 2.0000 kOhms, 20.000 kOhms, 200.00 kOhms, 300.0 MOhms 8060A: $\pm (0.07\%+2)$ 8062A: $\pm (0.1\%+2)$
Frequency	Range and Resolution: 200.00 Hz, 2.0000 kHz, 20.000 kHz, 200.00 kHz 8060A: $\pm (0.05\%+1)$ 8062A: NA

Conductance	Range and Resolution: 2000.0 nS (equivalent to 500 kOhms) 8060A: $\pm (0.5\% + 20)$ 8062A: NA
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General Specifications

Battery Life	170 hours typical (9V alkaline)
Weight	0.41 kg (0.90 lb)
Size	180 mm L x 86 mm W x 45 mm D (7.1" L x 3.4" W x 1.8" D)
One Year Warranty	One year guaranteed calibration

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Models, Options & Accessories

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Model Name	Product Description
8060A	Digital Multimeter
8062A	Digital Multimeter

Available Accessories and Options

Model Name	Accessory or Option Description
80i-400	AC Current Clamp
80K-40	High Voltage Probe (DC only)
80K-6	High Voltage Probe (DC only)
80T-150U	Universal Temperature Probe
80T-IR	Non-Contact Infrared Temperature Probe
80TK	Thermocouple Module
85RF	High Frequency Probe, 500 MHz
C100	Universal Carrying Case
C25	Soft Case DMM with Holster
C510	Leather Meter Case
C530	Leather Accessory Case
C550	Tool bag
C90	Soft Case DMM

FOM	Fiber Optic Meter includes an optical power meter, two multimode ST-ST patch cables, one multimode ST-ST adapter, instruction sheet and instrument case.
i-1010	Clamp-on AC/DC Current Probe
i-410	Clamp-on AC/DC Current Probe
i200	AC Current Clamp
PV350	Pressure/Vacuum Module (0 to 350 PSI)
TL20	63" Test Lead Set
TL22	63" Right Angle Silicone Test Lead Set
TL23F	Electrical Test Lead Set
TL23R	Electrical Test Lead Set
TL24	63" Right Angle/Straight Silicone Test Leads
TL26A	60" 5-Way Test Lead Set
TL28A	63" Alligator Clip Test Lead Set
TL74	4 mm Diameter Test Leads
TL75	48" Hardpoint Test Lead Set
Y8140A	48" Slim Flex Test Lead Set

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