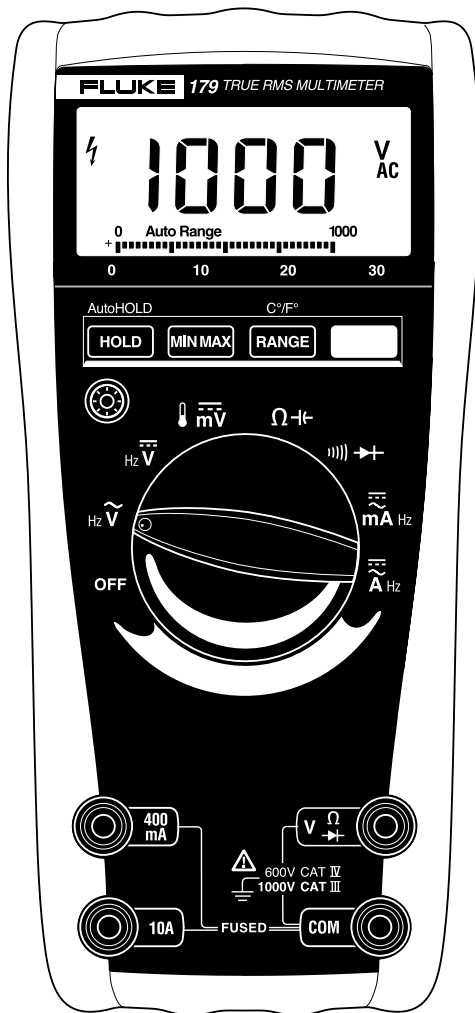


FLUKE®

The Fluke 170 Series Digital Multimeters

Brains and Brawn

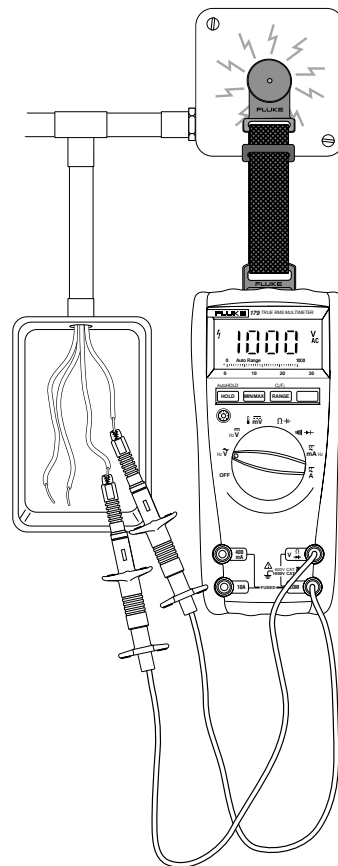
New



Tough. Precise. Packed with features:

- Lifetime warranty
- IEC 1010 CAT IV 600V safety rating
- 6000 count display
- True-rms ac voltage and current
- Min/Max/Average
- Frequency and capacitance capabilities
- Easy access battery door

Hang meter using Fluke ToolPak™ Strap and Magnet



Get our ToolPak™ and free both hands to finish jobs faster and easier. You get a powerful magnet, a loop hanger and two straps—for hanging your meter from almost anything while you work.



Quality Fluke Products Online at: www.GlobalTestSupply.com

sales@GlobalTestSupply.com

| Features | 175 | 177 | 179 |
|--|-----|-----|-----|
| 6000 count display | • | • | • |
| Auto Hold and Manual Hold | • | • | • |
| IEC 1010 Rating: CAT IV 600V / CAT III 1000V | • | • | • |
| Backlight for measurements in low visibility environments | | • | • |
| Temperature measurements in °C and °F, Thermocouple included | | | • |
| Battery door provides battery access without breaking the calibration seal | • | • | • |
| Compatible with Fluke ToolPak™ meter hanging kit | • | • | • |

| | | Fluke 175 | Fluke 177 | Fluke 179 |
|---------------------------------|---------------|---|--|--|
| \tilde{A} | Range | 0.01 mA to 10.00A (20A overload for 30 seconds) | 0.01 mA to 10.00A (20A overload for 30 seconds) | 0.01 mA to 10.00A (20A overload for 30 seconds) |
| | Accuracy | ± (1.5% of reading plus 3 counts) | ± (1.5% of reading plus 3 counts) | ± (1.5% of reading plus 3 counts) |
| | Crest Factor | ≤ 3 | ≤ 3 | ≤ 3 |
| | AC Response | 45 Hz to 1 kHz | 45 Hz to 1 kHz | 45 Hz to 1 kHz |
| $\overline{\overline{A}}$ | Range | 0.01 mA to 10.00A (20A overload for 30 seconds) | 0.01 mA to 10.00A (20A overload for 30 seconds) | 0.01 mA to 10.00A (20A overload for 30 seconds) |
| | Accuracy | ± (1.0% of reading plus 3 counts) | ± (1.0% of reading plus 3 counts) | ± (1.0% of reading plus 3 counts) |
| \tilde{V} | Range | 0.1 mV to 1000V | 0.1 mV to 1000V | 0.1 mV to 1000V |
| | Accuracy | 45 Hz to 500 Hz 1% of rdg + 3 counts 500 Hz to 1 kHz 2% of rdg + 3 counts | 45 Hz to 500 Hz 1% of rdg + 3 counts 500 Hz to 1 kHz 2% of rdg + 3 counts | 45 Hz to 500 Hz 1% of rdg + 3 counts 500 Hz to 1 kHz 2% of rdg + 3 counts |
| | AC Response | 45 Hz to 1 kHz | 45 Hz to 1 kHz | 45 Hz to 1 kHz |
| | | | | |
| $\overline{\overline{V}}$ | Range | 0.1 mV to 1000V | 0.1 mV to 1000V | 0.1 mV to 1000V |
| | Accuracy | ± (0.15% of reading plus 2 counts) | ± (0.09% of reading plus 2 counts) | ± (0.09% of reading plus 2 counts) |
| Ω | Range | 0.1Ω to 50.00 MΩ | 0.1Ω to 50.00 MΩ | 0.1Ω to 50.00 MΩ |
| | Best Accuracy | ± (0.9% of reading plus 1 count) | ± (0.9% of reading plus 1 count) | ± (0.9% of reading plus 1 count) |
| $\text{---}\text{ }\text{---}$ | Range | 1 nF to 9999 μF | 1 nF to 9999 μF | 1 nF to 9999 μF |
| | Best Accuracy | ± (1.2% of reading plus 2 counts) | ± (1.2% of reading plus 2 counts) | ± (1.2% of reading plus 2 counts) |
| Continuity | | Beeper guaranteed on <25Ω, guaranteed off >250Ω; detects opens or shorts of 250 μs or longer | | |
| Hz | Range | Voltage Input: 2 Hz to 100 kHz Current Input: 2 Hz to 30 kHz | Voltage Input: 2 Hz to 100 kHz Current Input: 2 Hz to 30 kHz | Voltage Input: 2 Hz to 100 kHz Current Input: 2 Hz to 30 kHz |
| | Accuracy | ± (0.1% of reading plus 1 count) | ± (0.1% of reading plus 1 count) | ± (0.1% of reading plus 1 count) |
| Temp | Range | | | -40°C to +400°C, -40°F to +752°F |
| | Accuracy | | | °C 1% + 10, °F 1% + 18 |

| Available Fluke Accessories | 175, 177, 179 |
|-----------------------------|--|
| Meter Hanging | ToolPak magnet and strap kit |
| Cases | C510 leather meter case C50 padded meter case C20 hard meter case |
| Test Leads | All Fluke Test Leads |
| Current Clamp | All Fluke Current Clamp Accessories |
| Temperature | 80TK Thermocouple Module 80T-150U Univ. Temperature Probe 80AK Thermocouple Adapter (179 only) 80T-IR/80PK-IR Temperature Probe |
| Specialty | 80K-6, 80K-40 High Voltage Probe PV 350 Pressure Module FOM Fiber Optic Meter |

Ordering Information

Fluke 175 Digital Multimeter
Fluke 177 Digital Multimeter
Fluke 179 Digital Multimeter

Need Technical Assistance? Call:

1-800-44-FLUKE

Toll-free in the U.S.

(800) 36-FLUKE in Canada

(425) 446-5500 other countries

For more information to be sent to you by fax, call 1-800-FLUKE-FAX in the U.S. and Canada. Or, visit our Website at <http://www.fluke.com>

Fluke. Keeping your world up and running.