

# FLUKE®

## The Fluke 170 Series Digital Multimeters

### Brains and Brawn

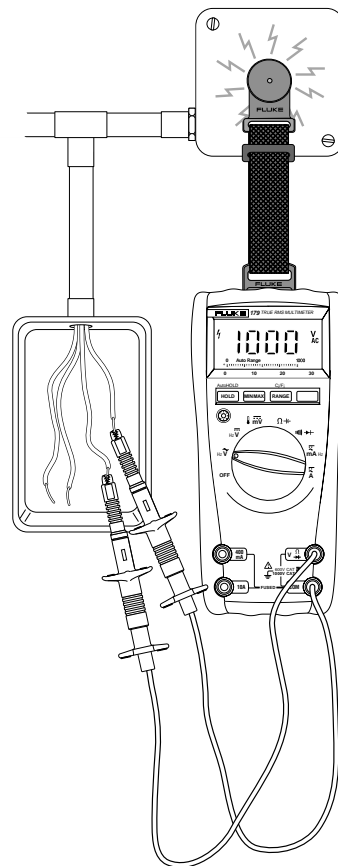
**New**



### **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
- The 179 measures temperature in °C and °F

### 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.



| 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<br>(20A overload for 30 seconds)   | 0.01 mA to 10.00A<br>(20A overload for 30 seconds)                                 | 0.01 mA to 10.00A<br>(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   |
| $\overline{A}$ | Range         | 0.01 mA to 10.00A<br>(20A overload for 30 seconds)   | 0.01 mA to 10.00A<br>(20A overload for 30 seconds)                                 | 0.01 mA to 10.00A<br>(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<br>1% of rdg + 3 counts<br>500 Hz to 1 kHz<br>2% of rdg + 3 counts           | 45 Hz to 500 Hz<br>1% of rdg + 3 counts<br>500 Hz to 1 kHz<br>2% of rdg + 3 counts | 45 Hz to 500 Hz<br>1% of rdg + 3 counts<br>500 Hz to 1 kHz<br>2% of rdg + 3 counts |
|                | AC Response   | 45 Hz to 1 kHz   | 45 Hz to 1 kHz   | 45 Hz to 1 kHz   |
|                |               |  |  |  |
| $\overline{V}$ | 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)   |
| $\Omega$       | 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)   |
| $\text{⏏}$     | 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:<br>2 Hz to 100 kHz<br>Current Input:<br>2 Hz to 30 kHz                        | Voltage Input:<br>2 Hz to 100 kHz<br>Current Input:<br>2 Hz to 30 kHz              | Voltage Input:<br>2 Hz to 100 kHz<br>Current Input:<br>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,<br>-40°F to +752°F  |
|                | Accuracy      |  |  | °C 1% + 10,<br>°F 1% + 18  |

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

For detailed specifications contact your local Fluke representative, or visit [www.fluke.com](http://www.fluke.com). Specifications are subject to change without notice.

## 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.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
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- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)