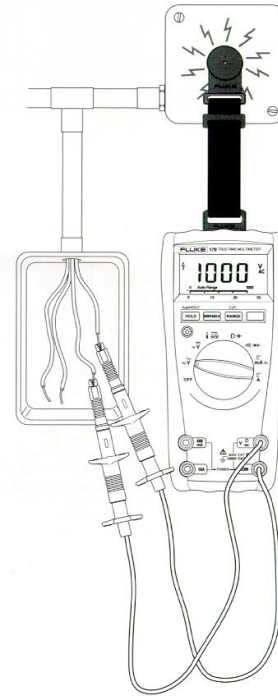


# The Fluke 170 Series Digital Multimeters

## *Brains and Brawn*



Hang meter using Fluke ToolPak™ Strap and Magnet



Get our optional ToolPak™ Strap and Magnet and free both hands for finishing 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.

**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

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
AC Amps	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
DC Amps	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)
Volts AC	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
	Volts DC	Range	0.1 mV to 1000V	0.1 mV to 1000V
Resistance	Accuracy	± (0.15% of reading plus 2 counts)	± (0.09% of reading plus 2 counts)	± (0.09% of reading plus 2 counts)
	Range	0.1Ω to 50.00 MΩ	0.1Ω to 50.00 MΩ	0.1Ω to 50.00 MΩ
Capacitance	Best Accuracy	± (0.9% of reading plus 1 count)	± (0.9% of reading plus 1 count)	± (0.9% of reading plus 1 count)
	Range	1 nF to 9999 μF	1 nF to 9999 μF	1 nF to 9999 μF
Continuity	Best Accuracy	± (1.2% of reading plus 2 counts)	± (1.2% of reading plus 2 counts)	± (1.2% of reading plus 2 counts)
		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 PV350 Pressure Module 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>