

Hand Tools Multimeters

➤ **Fluke 179 True-RMS Digital Multimeter**

The Fluke 179 True-rms Digital Multimeter is the industry-standard troubleshooting tool for electrical and electronic systems. This incredibly versatile multimeter makes a perfect front-line troubleshooting tool with an input protection rating of CAT III 1000 V, CAT IV 600 V. The built-in temperature measurement with the included thermocouple, analog bar graph and backlit digital display make it easier to take the measurements you need.

1. Fluke 179 True-RMS Digital Multimeter



➤ Key Features

- 1000V AC/DC; 10A AC/DC (with test leads and current jacks); resistance to 50 MΩ; capacitance to 10,000 μF, frequency to 100 kHz; temperature from -40 °C to 400 °C
- Robust, fast and accurate with manual and automatic ranging, Display Hold, Auto Hold, and Min/Max-Average recording
- Backlit digital display, analog bar graph, and built-in temperature measurements with included thermocouple

Specifications

Voltage DC	Accuracy ¹	±(0.09% + 2)
	Max. resolution	0.1 mV
	Maximum	1000 V
Voltage AC	Accuracy ¹	±(1.0% + 3)
	Max. resolution	0.1 mV
	Maximum	1000 V
Current DC	Accuracy ¹	±(1.0% + 3)
	Max. resolution	0.01 mA
	Maximum	10 A
Current AC	Accuracy ¹	±(1.5% + 3)

	Max. resolution	0.01 mA
	Maximum	10 A
Resistance	Accuracy ¹	$\pm(0.9\% + 1)$
	Max. resolution	0.1 Ω
	Maximum	50 M Ω
Capacitance	Accuracy ¹	$\pm(1.2\% + 2)$
	Max. resolution	1 nF
	Maximum	10,000 μ F
Frequency	Accuracy ¹	$\pm(0.1\% + 1)$
	Max. resolution	0.01 Hz
	Maximum	100 kHz
Temperature	Accuracy ¹	$\pm(1.0\% + 10)$
	Max. resolution	0.1°C
	Range	-40°C / 400°C

1. Accuracies are best accuracies for each function

Environmental Specifications

Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +60°C
Humidity (without condensation)	0% – 90% (0°C – 35°C) 0% – 70% (35°C – 50°C)

Safety Specifications

Overvoltage category	EN 61010–1 to 1000 V CAT III EN 61010–1 to 600 V CAT IV
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Agency approvals	UL, CSA, TÜV listed and VDE Pending
Mechanical and General Specifications	
Size	43 x 90 x 185 mm
Weight	420 g
Warranty	Lifetime
Battery life	Alkaline ~200 hours typical, without backlight