

Fluke 179

- 1000V AC/DC; 10A AC/DC (with test leads and current jacks); resistance to 50 M Ω ; capacitance to 10,000 μ F, frequency to 100 kHz; temperature from -40 $^{\circ}$ C to 400 $^{\circ}$ 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.

Rating: Not Rated Yet

[Ask a question about this product](#)

Manufacturer [Fluke](#)

Description

Product overview: Fluke 179 True-RMS Digital Multimeter

The Fluke 179 True-RMS DMM is the industry-standard troubleshooting tool for electrical and electronic systems.

- True-rms ac measurements
- Works in the messy, loud, high energy, and high altitude
- Input protection to CAT III 1000 V, CAT IV 600 V
- Lifetime warranty

Other useful features:

- Safety rated CAT III 1000 V, CAT IV 600 V
- Allows closed-case calibration through front panel
- Includes protective holster that serves as test lead holder during use, plus lead storage

Specifications: Fluke 179 True-RMS Digital Multimeter

Specifications		
Voltage DC	Accuracy ¹	$\pm(0.09\% + 2)$
	Max. resolution	0.1 mV
	Maximum	1000 V
Voltage AC	Accuracy ¹	$\pm(1.0\% + 3)$
	Max. resolution	0.1 mV
	Maximum	1000 V
Current DC	Accuracy ¹	$\pm(1.0\% + 3)$
	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	±(0.9% + 1)
	Max. resolution	0.1 Ω
	Maximum	50 MΩ
Capacitance	Accuracy ¹	±(1.2% + 2)
	Max. resolution	1 nF
	Maximum	10,000 μF
Frequency	Accuracy ¹	±(0.1% + 1)
	Max. resolution	0.01 Hz
	Maximum	100 kHz
Temperature	Accuracy ¹	±(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
Agency approvals	UL, CSA, TÜV listed and VDE Pending

Agency approvals

Mechanical and General Specifications

Size	43 x 90 x 185 mm
Weight	420 g
Warranty	Lifetime
Battery life	Alkaline ~200 hours typical, without backlight