

Fluke 170 Series Digital Multimeters

Specifications	
Voltage DC	175 - Accuracy* $\pm (0.15\%+2)$ 177 - Accuracy* $\pm (0.09\%+2)$ 179 - Accuracy* $\pm (0.09\%+2)$ Max. Resolution 0.1 mV Maximum 1000 V
Voltage AC	Accuracy* $\pm (1.0\%+3)$ Max. Resolution 0.1 mV Maximum 1000 V
Current DC	Accuracy* $\pm (1.0\%+3)$ Max. Resolution 0.01 mA Maximum 10 A
Current AC	Accuracy* $\pm (1.5\%+3)$ Max. Resolution 0.01 mA Maximum 10 A
Resistance	Accuracy* $\pm (0.9\%+1)$ Max. Resolution 0.1 Ω Maximum 50 M Ω
Capacitance	Accuracy* $\pm (1.2\%+2)$ Max. Resolution 1 nF Maximum 10,000 μ F
Frequency	Accuracy* $\pm (0.1\%+1)$ Max. Resolution 0.01 Hz Maximum 100 kHz
Temperature	179 - Accuracy* $\pm (1.0\%+10)$ Max. Resolution 0.1°C Range -40°C/400°C
Note	*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

Mechanical & General Specifications	
Size	43 x 90 x 185 mm
Weight	420 g
Warranty	Lifetime
Battery Life	Alkaline: ~200 hours typical, without backlight