

		Fluke 175	Fluke 177	Fluke 179
\sim A	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
$\overline{\sim}$ A	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)
\sim V	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
$\overline{\sim}$ 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)
Ω	Range	0.1 Ω to 50.00 M Ω	0.1 Ω to 50.00 M Ω	0.1 Ω to 50.00 M Ω
	Best Accuracy	± (0.9% of reading plus 1 count)	± (0.9% of reading plus 1 count)	± (0.9% of reading plus 1 count)
$\text{--}\text{ }\text{--}$	Range	1 nF to 9999 μ F	1 nF to 9999 μ F	1 nF to 9999 μ F
	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 <25 Ω , guaranteed off >250 Ω ; detects opens or shorts of 250 μ s 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		

DigitalMultimeter-175



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 PV 350 Pressure Module FOM Fiber Optic Meter

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