

170 Series Digital Multimeters

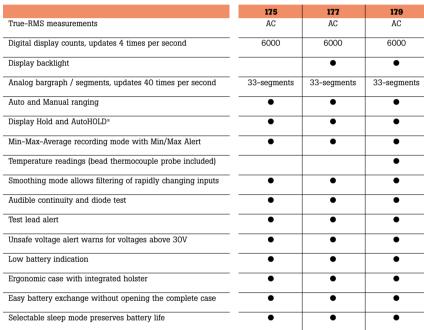
Fluke 177

Fluke 175

On all inputs

Versatile meters for field service or bench repair

find most electrical, electro-mechanical and heating and ventilation problems. They are simple to use and have significant improvements over Fluke's original 70 Series like, True-RMS, more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.



(Check the Fluke web for detailed specifications)

Functions	Maximum	Max. resolution	175	
Voltage DC	1000V	0.1mV	±(0.15%+2)	±(C
Voltage AC	1000V	0.1mV	±(1.0%+3)	±(
Current DC	10A	0.01mA	±(1.0%+3)	±(
Current AC	10A	0.01mA	±(1.5%+3)	±(
Resistance	50MΩ	0.1Ω	±(0.9%+1)	±(
Capacitance	10000μF	1nF	±(1.2%+2)	±(
Frequency	100kHz	0.01Hz	±(0.1%+1)	±(
Tomporature	-40°C/+400°C	0.1°C		

Accuracies are best accuracies for each function

Weight: 0.42 kg Size (HxWxD): 190 mm x 85 mm x 45 mm Lifetime Warranty

These meters have the features needed to

Features

	175	177	179
True-RMS measurements	AC	AC	AC
Digital display counts, updates 4 times per second	6000	6000	6000
Display backlight		•	•
Analog bargraph / segments, updates 40 times per second	33-segments	33-segments	33-segments
Auto and Manual ranging	•	•	•
Display Hold and AutoHOLD*	•	•	•
Min-Max-Average recording mode with Min/Max Alert	•	•	•
Temperature readings (bead thermocouple probe included)			•
Smoothing mode allows filtering of rapidly changing inputs	•	•	•
Audible continuity and diode test	•	•	•
Test lead alert	•	•	•
Unsafe voltage alert warns for voltages above 30V	•	•	•
Low battery indication	•	•	•
Ergonomic case with integrated holster	•	•	•
Easy battery exchange without opening the complete case	•	•	•
Selectable sleep mode preserves battery life	•	•	•

Specifications

Functions	Maximum	Max. resolution	175	177	179
Voltage DC	1000V	0.1mV	±(0.15%+2)	±(0.09%+2)	±(0.09%+2)
Voltage AC	1000V	0.1mV	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Current DC	10A	0.01mA	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Current AC	10A	0.01mA	±(1.5%+3)	±(1.5%+3)	±(1.5%+3)
Resistance	50MΩ	0.1Ω	±(0.9%+1)	±(0.9%+1)	±(0.9%+1)
Capacitance	10000μF	1nF	±(1.2%+2)	±(1.2%+2)	±(1.2%+2)
Frequency	100kHz	0.01Hz	±(0.1%+1)	±(0.1%+1)	±(0.1%+1)
Temperature	-40°C/+400°C	0.1°C			±(1.0%+10)

Battery Life: Alkaline, 200 hrs typical

Ordering Information

80BK temperature probe.

Included Accessories Test leads with 4 mm lantern tips and protective cap, installed 9V battery and users manual. The 179 also includes the

Fluke 179

Fluke 175 True RMS Multimeter Fluke 177 True RMS Multimeter Fluke 179 True RMS Multimeter Fluke 179/EDA Kit Electronics Combo Kit Fluke 179/MAG Kit Industrial Combo Kit Fluke 179/61 Kit Multimeter and IR

Thermometer Kit



Recommended Accessories





TL76



TLK-220

i410-i1010