

170 Series Digital Multimeters



Fluke 179

Lifetime <u>Warra</u>nty!



Fluke 175

These meters have the features needed to 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.

bench repair

Versatile meters for field service or

	17
True-RMS measurements	A
Digital display counts, updates 4 times per second	60
Display backlight	
Analog bargraph / segments, updates 40 times per second	33-seg
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	•

Features

175	177	179
AC	AC	AC
6000	6000	6000
	•	•
33-segments	33-segments	33-segments
•	٠	٠
•	٠	•
•	•	•
		•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•

Specifications

On all inputs

Included Accessories

Test leads with 4 mm lantern tips and protective cap, installed 9V battery and users manual. The 179 also includes the 80BK temperature probe.

Ordering Information

Fluke	175	True RMS Multimeter
Fluke	177	True RMS Multimeter
Fluke	179	True RMS Multimeter
Fluke	179/EDA2 Kit	Electronics Combo Kit
Fluke	179/MAG2 Kit	Industrial Combo Kit

 Maximum
 Max. resolution
 175
 172
 179

 1000V
 0.1mV
 ±(0.15%+2)
 ±(0.09%+2)
 ±(0.09%+2)
 ±(0.09%+2)
 ±(0.09%+2)
 ±(0.09%+2)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)
 ±(1.0%+3)

Current AC	10A	0.01mĀ	±(1.5%+3)
Resistance	50MΩ	0.1Ω	±(0.9%+1)
Capacitance	10000µF	1nF	±(1.2%+2)
Frequency	100kHz	0.01Hz	±(0.1%+1)
Temperature	-40°C/+400°C	0.1°C	

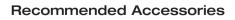
115		113
±(0.15%+2)	±(0.09%+2)	±(0.09%+2)
±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
±(1.5%+3)	±(1.5%+3)	±(1.5%+3)
±(0.9%+1)	±(0.9%+1)	±(0.9%+1)
±(1.2%+2)	±(1.2%+2)	±(1.2%+2)
±(0.1%+1)	±(0.1%+1)	±(0.1%+1)
		±(1.0%+10)

(Check the Fluke web for detailed specifications)

Accuracies are best accuracies for each function

Battery Life: Alkaline, 200 hrs typical Size (HxWxD): 190 mm x 85 mm x 45 mm

Weight: 0.42 kg Lifetime Warranty







Functions

Voltage DC Voltage AC

Current DC



C90





SV225



10342-eng Rev. 07

1400

TLK-220

i4