

# Digital Multimeters



## Fluke 170 Series Digital Multimeters

### Maintenance experts can find most electrical and HVAC problems

The Fluke 170 Series True-rms Multimeters is simple to use with significant improvements over the original Fluke 70 Series.

- Wide 1000 V measurement range
- True-rms for precise measurement of non-linear signals
- Capacitance, resistance, continuity and frequency
- Built-in thermometer (Fluke 179 only)
- Backlight for work in dimly lit areas (Fluke 177 and 179 only)
- Min/Max/Avg to record signal fluctuations
- Display hold and auto hold
- Manual and automatic ranging
- Basic dc accuracy (179/0.09%, 177/0.09%, 175/0.15%)
- Also available: 177 with true-rms and backlight and 175 with true-rms



### Specifications

Functions	Range and resolution	Basic accuracy
DC voltage	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	± 0.09% (Models 177 and 179) ± 0.15% (Model 175)
AC voltage <sup>1</sup>	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	± 1.0% of reading
DC current	60.00 mA, 400.0 mA, 6.000 A, 10.00 A <sup>2</sup>	± 1.0% of reading
AC current <sup>2</sup>	60.00 mA, 400.0 mA, 6.000 A, 10.00 A <sup>2</sup>	± 1.5% of reading
Resistance	600.0 Ω, 6.000 kΩ, 60.00 kΩ, 600.0 kΩ, 6.000 MΩ, 50.00 MΩ	± 0.9% of reading
Capacitance	1000 nF, 10.00 μF, 100.0 μF, 9999 μF	± 1.2% of reading
Frequency <sup>3</sup>	99.99 Hz, 999.9 Hz, 9.999 Hz, 99.99 kHz	± 0.1% of reading
Temperature (179 only)	-40 °C to +400 °C (-40 °F to +752 °F)	1.0% of reading
Battery life	200 hours typical for alkaline	
Dimensions (HxWxL)	4.3 cm x 9.0 cm x 18.5 cm (1.7 in x 3.5 in x 7.3 in)	

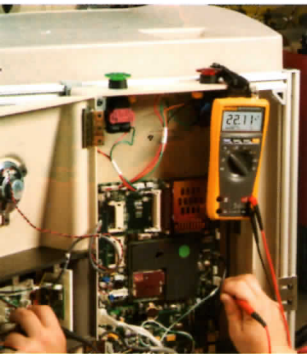
<sup>1</sup> All ac voltage and ac current ranges are specified from 5% of range to 100% of range.

<sup>2</sup> 10 A continuous, 20 A for up to 30 seconds.

<sup>3</sup> Voltage frequency is specified from 2 Hz to 100 kHz. Current frequency is specified from 2 Hz to 30 kHz.

### Ordering information

Models	Included accessories
FLUKE-179 Digital Multimeter	Test leads, temperature probe, 9 V battery (installed), manual
FLUKE-177 Digital Multimeter	Test leads, 9 V battery (installed), manual
FLUKE-175 Digital Multimeter	Test leads, 9 V battery (installed), manual



### Kits—buy more, save more



### Recommended accessories

