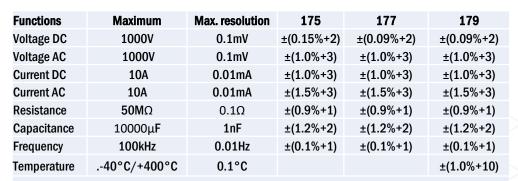
# MULTIMETERS AND CLAMPMETERS

### **170 Series Digital Multimeters**

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.

Feature	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 and fuse exchange without opening the	•	٠	٠
complete case	•	•	•
Selectable sleep mode preserves battery life	•	•	•



Accuracies are best accuracies for each function

Battery Life: Alkaline, 200 hrs typical Weight: 0.42 kg

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

## DATASHEET

MULTIMETERS AND CLAMPMETERS







Fluke 177



Fluke 175



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# MULTIMETERS AND CLAMPMETERS

Fluke 325 True RMS Clamp Meter

The Fluke 325 True-rms Clamp Meter is a reliable, versatile troubleshooting tool for commercial and residential electricians. Featuring a slim design for easy transport and use, and a large display for efficient troubleshooting. In addition to true-rms AC current and voltage on non-linear loads, the 325 measures:

- DC current
- DC voltage
- Temperature
- Frequency

#### Specifications

AC Current	Range	40.00A / 400.0A
	Accuracy	2% ± 5 digits (45 Hz to 65 Hz) 2.5% ± 5 digits (65 Hz to 400 Hz)
DC Current	Range	40.00A / 400.0A
	Accuracy	2% ± 5 digits
AC Voltage	Range	600.0V
	Accuracy	1.5% ± 5 digits
DC Voltage	Range	600.0V
	Accuracy	1.0% ± 5 digits
Resistance	Range	400.0 Ω / 4000 Ω / 40.00 kΩ
	Accuracy	1.0% ± 5 digits
Continuity		≤ 30 Ω
Capacitance		0 to 100.0 $\mu F$ / 100 $\mu F$ to 1000 $\mu F$
Frequency		5.0 Hz to 500.0 Hz
AC Response		True-RMS
Backlight		Yes
Data Hold		Yes
Contact Temp		10.0°C to 400.0°C (14.0°F to 752.0°F)
Min/Max		Yes
Size		H x W x D (mm) 207 x 75 x 34 Max wire diameter 30 mm (600 MCM) Weight 283 g
Category rating		CAT III 600 V CAT IV 300 V
Warranty		2 Year

Includes:

- Fluke 325 True-RMS Clamp Meter
- TL75 Test Leads
- Type K Thermocouple
- Two AAA Batteries (Installed)
- Soft Case



MULTIMETERS AND CLAMPMETERS









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