

Features



The new Fluke 902 True RMS HVAC Clamp Meter provides the accuracy, reliability and ruggedness that define Fluke test tools. It is designed for HVAC technicians for the systems they service and install daily. With True RMS technology and a CAT III 600V rating, HVAC technicians can troubleshoot and maintain HVAC equipment safely and with confidence in the results.

Use the Fluke 902 to get more done:

- Capture flue gas temperatures
- Conduct flame rod testing
- Measure start and run motor capacitors
- Measure supply side current and voltage as well as load side current and voltage
- Measure current and voltage phase balance on 3 phase systems
- Troubleshoot compressor electrical motor faults
- Measure performance of variable frequency drives

Features:

- Designed for HVAC applications with capacitance, DC Current (μA), and temperature measurements
- Small body and jaws fit perfectly in your hand and into tight places
- Handy 'Display Hold' button keeps measurements on the display
- Meter controls are positioned so current measurements can be done with one hand (index finger on clamp opening lever and thumb on rotary switch)
- Large, backlit display is easy-to-see in less than ideal conditions
- Auto shut-off maximizes battery life so the meter works when you need it



Specifications

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Voltage DC	Range 0 - 600.0 V Accuracy 1% \pm 5 counts
Voltage AC (True RMS)	Range 0 - 600.0 V Accuracy 1% \pm 5 counts (50/60 Hz)
Current AC (True RMS)	Range 0 - 600.0 A Accuracy 2.0% \pm 5 counts (50/60 Hz)
Current DC	Range 0 - 200.0 μA Accuracy 1.0% \pm 5 counts
Resistance	Range 0 - 9999 Ω Accuracy 1.5% \pm 5 counts
Continuity	\leq 30 Ω
Temperature* (Type K Thermocouple)	Range -10 degree C to 400 degree C (-14 degree F to 752 degree F) Accuracy +/- 1.0% + 0.8 degree C (+/- 1.0% + 1.5 degree F) typical Range -40 degree C to -10 degree C (-40 degree F to -14 degree F) Accuracy +/- 5.0% + 1.5 degree C (+/- 5.0% + 3.3 degree F) typical
Capacitance	Range 1-1000 μF Accuracy 1.9% \pm 2 counts

* Error does not include Type K Thermocouple errors

Mechanical & General Specifications	
Weight	1.5 lbs (.7 kg)
Dimensions	10.75" x 4.25" x 2.44" (27.3 cm x 10.8 cm x 6.2 cm)
Battery type Fluke 902	(2) AA Alkaline Batteries
	True-rms HVAC Clamp Meter Includes: <ul style="list-style-type: none"> • AA Alkaline batteries (2) • Users manual w/safety information • Soft carrying case • TL75 Test Leads (1 pair) • 80BK Integrated DMM Temperature Probe (1)