

Test Tools HVACR Pros Trust



SC620 Specs

Function	Range	Best Accuracy/ Best Resolution
Volts AC	600	1.2%±8 / 0.0001
Amps AC	400	2.0%±10 / 0.01
Volts DC	600	0.5%±2 / 0.0001
µAmps DC	500	1.0%±2 / 0.1
Ohms	50M	1.0%±5 / 0.1
Microfarads	5000	3%±5 / 0.001
Hz (clamp)	10 to 400	0.1%±5 / 0.1
Hz (leads)	10 to 1MHz	0.1%±5 / 0.1
Duty Cycle %	5 to 95	2%±10 / 0.1
°F	-30°F to 932°F	±1°F / 0.1
Battery	9V, 200 hrs Typical Alkaline	

* System accuracy (SC620 meter + Type K thermocouple after field calibration)

Loaded Clamp Meter

Model SC620

Loaded Clamp Meter

Model SC620



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SC620



Suitable replacement for models SC54 SC76

Loaded for HVACR

All the right stuff! Use the swivel clamp meter packed with HVACR features.

Swivel Head

Rotate the clamp, grab the wire you're hunting, and view the display at a clear angle.

Huge Display

View two measurements so large you can read them at a distance.

Rugged Display

Broad temperature range tolerance allows for testing in freezers and on rooftops.

Capacitance

Test questionable motor start and run capacitors. Determine when a capacitor needs to be replaced.

Microamps DC

Test flame rectifier circuits.

Magnetic Hanger

Hanging strap stores away cleanly and holds the meter up securely.

Probe Storage

Snap the leads into the rear of the meter. No more tangles or probe tip pricks.

Temp You Can Trust

Reliable temperature in fast changing environments.

And More

- High voltage LED and beeper warning.
- Non contact voltage LED and beeper.
- Continuity LED and beeper.
- Diode test.
- Easy temperature calibration.
- Frequency (Hz) through the clamp.
- Low ohm range for motor windings.
- Data HOLD.
- Read up to 400AAC.
- 0.01AAC resolution.
- Auto-Power-Off.
- NIST traceable.

Included:

- SC620 Clamp Meter
- ATB1 Thermocouple
- ADLS2 Silicone Leads
- ASA2 Gator Clip Leads
- ANC7 Padded Case



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Watch the Video!

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Easy Temp Solutions

Type K thermocouples slide directly into the meter, no adapter needed. Cal pot is easy to access for quick field calibration.



Loaded Clamp

Rotate the clamp 180° to see the display easier. The clamp's claw grabs the wire you want to measure.



RIGHT
STUFF

Loaded Clamp Meter

- Dual Display
- Temperature
- Microamps DC

SC620



Swivel Clamp
Magnetic Strap
Probe Storage

2
Meter

NEW

Safety + Convenience
Use non-contact voltage to check if the wire is hot or not. Test voltage safer with one hand by using the probe holder on the side of the clamp. Test voltage hands-free using the magnetic hanger.

DO MORE

NCV Sensor



Lead Storage
Twist your leads around the clamp and snap in the probes for tidy storage.