

Test Tools HVACR Pros Trust



SC420 Specs

Function	Range	Best Accuracy/ Best Resolution
Volts AC	600	1.2%±3 / 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	0.4%±5 / 0.1
Hz (leads)	10 to 1M	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 (SC420 meter + Type K thermocouple after field calibration)

Essential Clamp Meter

Model SC420

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Model SC420



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SC420



Suitable replacement for models SC53 SC66

Essential Features

Check Volts and Amps at the same time. Take temperatures with Type K thermocouples too.

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

Microamps DC
Test flame rectifier circuits. Capacitance

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

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.

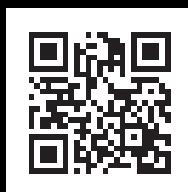
Included:

- SC420 Clamp Meter
- ATB1 Thermocouple
- ADLS2 Silicone Leads
- ANC12 Padded Case



Fieldpiece

Test Tools HVACR Pros Trust
www.fieldpiece.com



Watch the Video!

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Temperature Solutions

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

RIGHT STUFF



Grab It
The clamp's claw grabs the wire you want to measure.

Essential Clamp Meter

- Temperature
- Duty Cycle %
- Non-Contact Voltage (NCV)

SC420

Dual Display
Microamps DC
Capacitance

2
Meter

NEW



DO MORE



Safe Testing

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 clamp.