

Professional-grade instruments for field service

## Full-Featured Convenience

The most HVAC/R features that can fit in one small meter, featuring a swivel head that makes reading the display much easier.

### Specifications

Function	Auto-ranges	Best Accuracy/Resolution
Volts AC	500m-600	1.2%±8 / 0.1m
Amps AC	50-400	2.0%±10 / 0.01
Volts DC	500m-600	0.5%±2 / 0.1m
Amps DC	500µ	1.0%±2 / 0.1µ
Ohms	500-50M	1.0%±5 / 0.1
Microfarads	5-5000	3.0%±5 / 0.001
%Duty Cycle	5-95	2.0%±10 / 0.1
Hz (clamp)	50-400	0.1%±5 / 0.1
Hz (leads)	500-1M	0.1%±5 / 0.1
°F	-30°F to 932°F	±1°F / 0.1

Function	Indicators
Continuity	LED and Beeper
NCV	LED, Beeper, and Graph
High Voltage	LED and Beeper
Diode Test	Forward(mV), Reverse(OL)

## Designed for the HVAC/R Tech

### Swivel Head with LED Flashlight (SC56)

Read display even in the hardest to reach places.

### Dual Display

Read current and voltage or °F and °C simultaneously.

### Dynamic Temperature

Temperature circuit designed for techs who need accurate readings in fast changing environments.

### Increased Safety

Non contact voltage (NCV) determines if a wire is hot or not.

### Inrush Current (SC56)

Determine health of motor.

### Capacitance

For motor start and run capacitors. Determine when a capacitor degraded and needs replaced.

### Extreme Environments

New display technology unaffected by temperatures -4°F to 158°F



And more:

- New easy access temp calibration pot.
- Backlight (SC56).
- Duty cycle for measuring controls.
- True-RMS (SC56).
- Microamps for flame rectifier circuit.
- Continuity (LED and beeper).
- Low ohm ranges for motor windings.
- Read up to 400 amps AC with 0.1A resolution.
- Auto-ranging for best resolution.
- Auto power off.
- Connects to accessory heads.

### Do More with this Clamp Than Measure Amps

- 180° swivel clamp fits any job you might encounter.



- LED flashlight automatically lights up the target wire when you open the clamp (SC56).

- Clamp claw picks out the wire you want to isolate from a bundle of wires.
- The non-contact voltage sensor is at the very tip of the clamp claw.

# SC55/SC56

Swivel Clamp Meter with Temperature and NCV



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	SC55	SC56
True RMS	●	●
Swivel Clamp	●	●
Duty Cycle	●	●
Data Hold	●	●
Backlight	●	●
Clamp Flashlight	●	●
Inrush Amps	●	●



## ■ SC55 ■ SC56

Swivel Clamp Meter with Temperature and NCV

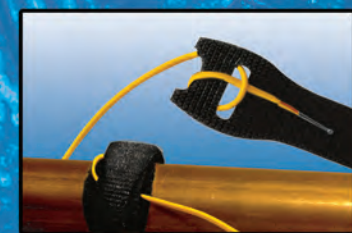
Feature Rich for the Technician That Wants It All



Includes Leads with Removable Probe Tips. Remotely connect to any Fieldpiece accessory head.



Fieldpiece accessory heads measure contact temperature (dual), IR temperature, RH%, wet bulb, dew point, dry bulb, air velocity, CO, CO<sub>2</sub>, O<sub>2</sub>, milliohms, true RMS, high voltage, AC/DC amps, vacuum (vacuum gauge), gas and static pressure (manometer), pressure, superheat, and subcooling.



### Thermocouple Solutions

- Use the included Velcro stabilizing strap to take better pipe temperatures.
- Instead of a tangled mess, just wrap thermocouple wire around the tab.

Microfarads, Frequency, Continuity, Temperature, DC Microamps, Duty Cycle, Ohms, AC Amps, VAC, VDC, Inrush Amps (SC56).



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