

Test Tools HVACR Pros Trust



### SC640 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 1MHz	0.4%±5 / 0.1
Duty Cycle %	5 to 95	2%±10 / 0.1
°F	-30°F to 932°F	±1°F / 0.1
Battery	9V, 100 hrs Typical Alkaline	

\* System accuracy (SC640 meter + Type K thermocouple after field calibration)

# Loaded Clamp Meter

Model SC640

## Loaded Clamp Meter

Model SC640



Test Tools HVACR Pros Trust

SC640



Suitable replacement for model SC56

## Loaded for HVACR

See the dial in the dark! Use the swivel clamp meter packed with HVACR features.

### Swivel Head with LED Flashlight

Open the clamp to illuminate the wire bundle you're hunting.

### Electrical Testing for HVACR

True RMS readings through the clamp or leads. Inrush current for starting amps.

### Huge Backlit Display

View two measurements so large you can read them at a distance and in the dark.

### 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.

### Dial Backlight

Clearly view the dial in low light situations.

### 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.
- Read up to 400AAC.
- 0.01AAC resolution.
- Auto-Power-Off.
- NIST traceable.

### Included:

- SC640 Clamp Meter
- ATB1 Thermocouple
- ADLS2 Silicone Leads
- ASA2 Gator Clip Leads
- ANC7 Padded Case



**Fieldpiece**

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Watch the Video!

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## RIGHT STUFF



### Dial Backlight

Clearly view the dial in low light situations.

### Light It Up

LED flashlight automatically shines when you open the clamp.



### Loaded Clamp

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

## Loaded Clamp Meter

- Swivel Clamp
- Dual Display
- Jaw Flashlight
- Magnetic Strap
- Probe Storage

SC640



Dial Backlight  
True RMS  
Inrush Amps

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.