

# Job Link® Power Clamp Meter

## The HVACR pro's most versatile tool.

The SC680 is packed with everything a tech needs to install, service, and troubleshoot any HVACR electrical system. Send measurements directly to the Job Link® System mobile app for easy documentation or leave the meter behind a closed blower door and view measurements on your mobile device.

## Features

- 1,000' wireless range to connect to the Job Link® System mobile app
- True RMS and Low Pass Filter (LPF) for accurate readings on VFDs
- Power (W) readings to validate energy savings after service
- Test 3-phase rotation with two leads
- Inrush current mode for compressor starting amp draw
- Test flame rectifier diodes on a heater control
- Test motor start and run capacitors
- Molex tip leads included for small circuitry
- AC/DC swivel clamp
- Backlit, dual display
- Heavy-duty magnet mount

## Specifications



Measurement Ranges & Resolution (partial list only)

<b>Volts AC (VAC) True RMS (50-400 Hz)</b>	1,000 mV, 10 V, 100 V, 750 V; resolution 0.1 mV
<b>Volts DC (VDC)</b>	1,000 mV, 10 V, 100 V, 1,000 V; resolution 0.1 mV
<b>Non Contact Voltage (NCV)</b>	24 VAC to 600 VAC (50-60 Hz)
<b>Amps AC (AAC) True RMS (50 - 60 Hz)</b>	100 A, 600 A; resolution 0.01 A
<b>Amps DC (ADC)</b>	100 A, 600 A; resolution 0.01 A
<b>MicroAmps DC (µADC)</b>	1,000 µA; resolution 0.1 µA
<b>Active Power (W)</b>	1,000 W, 10 kW, 100 kW, 450 kW; resolution 0.1 W
<b>Clamp Frequency (Hz)</b>	10 Hz to 400 Hz; resolution 0.1 Hz
<b>Leads Frequency (Hz)</b>	100 Hz, 1,000 Hz, 10 kHz, 100 kHz; resolution 0.01 Hz
<b>Duty Cycle (%)</b>	5 - 95% (40 Hz to 1 kHz), 10 - 90% (1 kHz to 10 kHz), 20 - 80% (10 kHz to 20 kHz)
<b>Capacitance (MFD)</b>	10 nF, 100 nF, 1,000 nF, 10 µF, 100 µF, 1,000 µF, 10 mF; resolution 0.01 nF
<b>Continuity (Ω)</b>	100 Ω; resolution 0.01 Ω
<b>Temperature</b>	-58 °F to 2372 °F (-50 °C to 1300 °C); resolution 0.1 °
<b>Wireless Range</b>	up to 1,000' (305 m) line of sight
<b>Battery</b>	(1) 9 V alkaline battery, typical 100 hr life (without wireless or backlight)
<b>Overload Protection</b>	1,000 VDC or 750 VAC rms
<b>Dimensions</b>	11.9" x 3.1" x 2.0" (302 x 80 x 50 mm)
<b>Safety Rating</b>	CAT IV - 600V/CAT III - 1,000V
<b>Limited Warranty</b>	1 Year

