

ESSENTIAL CLAMP METERS

Feature rich for HVACR pros

Whether you're working on small circuitry in mini-splits or on large commercial units, the SC480 and SC680 are packed with everything you need to install, service, and troubleshoot any HVACR system.



Power Meters, SC480, SC680

- Measures Power (kW)
- Use on variable frequency drives (VFDs)
- True RMS & Low Pass Filter for VAC/Hz
- Test Diodes and Resistance up to 50MΩ
- Molex tip leads for small power connectors
- DC Amps, Dual Temp, Swivel Clamp, Lead Storage (SC680)


Job Link® System App Intergration!

Pair all your wireless tools in the Job Link® System App to document and create a complete system report. All measurements are live and in real time so you can see exactly how adjustments are affecting the system.

Document all measurements

Clearly communicate the health of the system with your customers.

- Wireless Bluetooth Beacon
- 115' (35 meters) wireless connection direct to mobile device
- Document electrical measurements
- Calculate power and system efficiency
- Measure accurate blower amperages behind the door
- Wireless monitoring of compressor VAC and AAC



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Measurements Report

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MEASUREMENTS

AIR SIDE		REFRIGERANT SIDE		ELECTRICAL	
Date	2019-08-26	Date	2019-08-26	Date	2019-08-26
Time	09:29:26	Time	09:29:26	Time	09:29:26
Return Air Dry Bulb	75.2 °F	Refrigerant	R-410A	Cap	72.24 µF
Supply Air Dry Bulb	55.8 °F	Suction Line Pressure	118.7 PSIG		0.0
Target Evaporator Exit Temp	57.4 °F	Liquid Line Pressure	283.9 PSIG	Volt Amps	206.7 VAC
Return Air Wet Bulb	64.3 °F	Vapor Saturation Temp	40.1 °F		16.39 AAC
Supply Air Wet Bulb	52.9 °F	Liquid Saturation Temp	92.0 °F	Tag	Power
Return RH%	55.3 %	Suction Line Temperature	53.9 °F	L1	16.37 AAC
Supply RH%	82.9 %	Liquid Line Temperature	89.1 °F	L1L2	207.0 VAC
Return Dew Point	58.1 °F	Outdoor Dry Bulb Temperature	95.0 °F	L2	16.37 AAC
Supply Dew Point	50.7 °F	Target Superheat	10.0 °F	PF	3.05 kW
Return Enthalpy	29.5 BTU/lbm	Actual Superheat	13.8 °F	SEER	15.49 SEER
Supply Enthalpy	21.9 BTU/lbm	Target Subcooling	10.0 °F	EER	12.50 EER
Cooling CFM	1200.0 CFM	Actual Subcooling	2.9 °F		
Cooling System Capacity	40328.8 btu/hr				
Heating CFM					
Heating System Capacity					

REFRIGERANT SCALE
No refrigerant scale values saved

Sample of free Job Link App report. Share pdf report from mobile device. Personalize with company logo and address.



Top-of-the-Line HVACR Meters	SC480	SC680
Measures Power (kW) for system efficiency	✓	✓
Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings	✓	✓
Indicates 3-phase rotation with two leads	✓	✓
Measures start/run capacitors	✓	✓
Molex tips reach into power connectors	✓	✓
Magnet for mounting meter during use	✓	✓
Safety rated CAT IV-600V/CAT III-1000V	✓	✓
DC Amps and Diode for mini-split inverters	✓	✓
Dual temperature for delta T		✓
Swivel clamp to view readings at any angle		✓
Test lead storage		✓
Backlit dial		✓