

# 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



**HVAC/R Co.**  
Tony Gonzalez  
Tony  
License# B12312894

### Measurements Report

123 Main Street  
Tel 2221231122  
fieldpiece@fieldpiecejoblink.com  
www.fieldpiecejoblink.com

---

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