

New Power Meters for HVACR

Direct Integration with
Job Link® System App!



Great For Mini-Splits

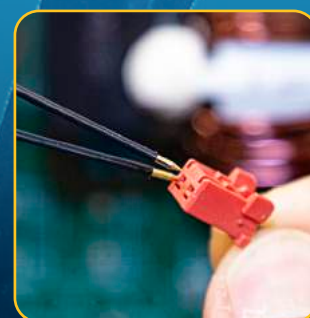
Packed with HVACR Measurements

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

- 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)



Measures Power (kW)



Molex Tips

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www.fieldpiece.com

Power (kW)
CAT IV



Tools HVACR Pros Trust

Direct Integration with Job Link® System App!

Pair all your Job Link tools in the Job Link App to receive and document a complete system snapshot wirelessly. From the new SC480 and SC680 clamp meters and SM380V and SM480V manifolds, to the JL3 Job Link Probes, and SRS3 scale 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 co-workers and customers. Proven to help reduce call backs and increase sales.

- 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.

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Measurements Report

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MEASUREMENTS

AIR SIDE

Date	2019-08-26
Time	09:29:26
Return Air Dry Bulb	75.2 °F
Supply Air Dry Bulb	55.8 °F
Target Evaporator Exit Temp	57.4 °F
Return Air Wet Bulb	64.3 °F
Supply Air Wet Bulb	52.9 °F
Return RH%	55.3 %
Supply RH%	82.9 %
Return Dew Point	58.1 °F
Supply Dew Point	50.7 °F
Return Enthalpy	29.5 BTU/lbm
Supply Enthalpy	21.9 BTU/lbm
Cooling CFM	1200.0 CFM
Cooling System Capacity	40328.8 btu/hr
Heating CFM	
Heating System Capacity	

REFRIGERANT SCALE

No refrigerant scale values saved

REFRIGERANT SIDE

Date	2019-08-26
Time	09:29:26
Refrigerant	R-410A
Suction Line Pressure	118.7 PSIG
Liquid Line Pressure	283.9 PSIG
Vapor Saturation Temp	40.1 °F
Liquid Saturation Temp	92.0 °F
Suction Line Temperature	53.9 °F
Liquid Line Temperature	89.1 °F
Outdoor Dry Bulb Temperature	95.0 °F
Target Superheat	10.0 °F
Actual Superheat	13.8 °F
Target Subcooling	10.0 °F
Actual Subcooling	2.9 °F

ELECTRICAL

Date	2019-08-26
Time	09:29:26
Cap	72.24 µF
	0.0
Volt Amps	206.7 VAC
	16.39 AAC
Tag	Power
Power Factor	0.9
L1	16.37 AAC
L1L2	207.0 VAC
L2	16.37 AAC
PF	3.05 kW
SEER	15.49 SEER
EER	12.50 EER

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

Not only do these meters communicate with Job Link, but you can also measure power consumption (kW) to determine system efficiency. Verify 3-phase rotation with just two leads. Take more accurate VAC and AAC readings with True RMS. Filter out noise to get true voltage and frequency with low pass filter.

- 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

SC680

- 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



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