

# Electrical



OFF Hz  
100 A AC V AC Hz  
600 A AC V AC Adc  
Vdc Adc  
Hz %  
T1-T2 L1L2 L1L3

Wireless ON/OFF °F/°C ZERO Adc  
Range Select H/M/m

**SC680**  
AC 0.52 PF  
0.553 kW

TRUE RMS JOB LINK METER  
CAT III 1000V / CAT IV 600V  
TYPE K MAX 30V  
T1 COM TEMP T2  
L1 2 3  
MAX 1000V

SC680

**600A AC/DC Swivel Clamp Meter  
Dual Display - Power - LPF**

- Wireless direct to Job Link® System for electrical documentation
- Measures Power (kW) for system efficiency
- Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings
- DC Amps and Diode for mini-split inverters
- Dual temperature for delta T
- Molex test leads for small circuitry
- Test 3-phase with two leads
- Safety rated CAT IV – 600V/CAT III – 1000V



SC640

**400A Swivel Clamp Meter  
Dual Display | Inrush**

- Swivel-head with LED jaw flashlight
- Selector dial backlight
- Large backlit display
- Magnetic strap
- Lead storage



Function	SC680	SC640
Volts AC/DC	•	•
Amps AC/DC	•	•
600VAC/DC	•	•
750VAC,1000VDC	•	•
Power Factor	•	•
Low Pass Filter	•	•
Job Link® System	•	•
Dual Temp Delta T	•	•
Phase Rotation	•	•
True RMS	•	•
Inrush	•	•
Swivel Clamp	•	•
Magnetic Strap	•	•
Probe Storage	•	•
Dual Display	•	•
Temperature °F/°C	•	•
Capacitance	•	•
Duty Cycle %	•	•
400 AAC	•	•
600 AAC/ADC	•	•
Microamps DC	•	•
Frequency via Leads/Clamp	•	•
Non Contact Voltage	•	•
50 Mega Ohm with 0.1 Resolution	•	•
Continuity	•	•
Diode Test	•	•
Hold	•	•
Clamp Probe Holder	•	•
Dial Backlight	•	•
Clamp Jaw Light	•	•
LCD Backlight	•	•
Low Battery Indicator	•	•
Battery: 9V, 100 hrs	•	•
Compliance with UL 3rd Edition	•	•
CATIII 600VAC/DC	•	•
UL rated up to CATIII 1000VAC/DC and CATIV 600VAC/DC	•	•

SC480

**600A Clamp Meter Dual Display | Power**

- Wireless direct to Job Link® System for electrical documentation
- Measures Power (kW) for system efficiency
- Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings
- Molex test leads for small circuitry
- Test 3-phase with two leads
- Safety rated CAT IV – 600V/CAT III – 1000V



SC440

**400A Clamp Meter Dual Display | Inrush**

- Sturdy magnetic strap
- True RMS
- Inrush current
- Test-lead holder
- Magnetic Strap



SC260

**400A Clamp Meter Compact**

- True RMS
- Volts AC/DC
- Temperature
- Magnetic Hanger
- Bright backlight



Function	SC480	SC440	SC260
Volts AC/DC	•	•	•
Power Factor	•		
Low Pass Filter	•		
Job Link® System	•		
Phase Rotation	•		
True RMS	•	•	•
Inrush	•	•	
Duty Cycle %		•	
600VAC/DC	•	•	
750VAC,1000VDC	•		
400 AAC	•	•	•
600 AAC	•		
Magnetic Strap	•	•	•
Dual Display	•	•	
Temperature °F/ °C	•	•	•
Capacitance	•	•	•
Microamps DC	•	•	
Frequency via Leads/Clamp	•	•	
Non Contact Voltage	•	•	•
50 Mega Ohm with 0.1 Resolution	•	•	
Continuity	•	•	•
Diode Test	•	•	•
Hold	•	•	•
Clamp Probe Holder	•	•	
Clamp Jaw Light	•	•	
LCD Backlight	•	•	•
Low Battery Indicator	•	•	•
Battery: 9V, 100 hrs	•	•	
Battery: 9V, 150 hrs			•
Compliance with UL 3rd Edition	•	•	•
CATIII 600VAC/DC	•	•	•
UL rated up to CATIII 1000VAC/DC and CATIV 600VAC/DC	•		

## HS36

### Stick Style Multimeter True RMS with Backlight

- Works with all accessory heads
- Non-contact voltage
- Microamps DC for flame diodes
- 400 AAC with included amp clamp
- Temperature up to 1000 F°
- Lead storage



## HS33

### Stick Style Multimeter Manual Ranging

- Works with any accessory head
- Non-contact voltage
- Microamps DC for flame diodes
- 400 AAC with included amp clamp
- Temperature up to 1000 F°
- Convenient lead storage
- Safe one-handed testing



HS33	HS36	Function	Range	Accuracy /Resolution
Manual	Auto	Ranging		
2000	4000	Counts		
Average	True RMS	AC Conversion		
	•	Backlight		
	•	Bar Graph		
	•	VAC	200m	1.2% + 5/0.1m
	•		2000m	1.5% + 5/1m
	•		40	1.5% + 5/0.01
•	•		200	1.5% + 5/0.1m
•	•		600	2% + 5/1
•	•	VDC	200m	0.5% + 2/0.1 m
•	•		2000m	0.5% + 2/1m
	•		20	0.5% + 2/0.01
•	•		200	0.5% + 2/0.1
	•		600	0.5% + 2/1
•	•	AAC	20	2.7% + 7/0.1
•	•		100	3.7% + 8/0.1
•	•		400	5.0% + 10/1
	•	ADC	400μ	1% + 2/0.1 μ
	•		4000μ	1% + 2/1 μ
•	•	°F	200° F	1° F/0.1
	•		1000° F	1° F/1
•	•	MFD	200	3% + 5/0.1m
•	•	Hi-V Indicator		>30V
•	•	NCV		>24VAC
•	•	Ohms	200	1% + 4/0/1
	•		4K	1% + 4/1
	•		40K	1% + 4/10
•	•		200K	1% + 4/100
	•		4M	1.5% + 4/1K
	•		20M	3% + 5/10K
•	•	Continuity		
•	•	Diode		
	•	Hz		

λ With ACH4 clamp head, λ LED and beeper, λ Range is 40XX, not 20XX  
 Temperature accuracies shown are after simple field calibration

## ACH4

### 400A Amp Clamp Accessory Head

- Jaw claw helps isolate wires for testing
- Find run/start amps of motors and compressors
- Great partner for stick multimeters
- Angled jaw opens to 1.8"



**LT17A**

**Digital Multimeter**

- Temperature up to 1400 F°
- 400 AAC with included clamp
- Capacitance up to 200MFD
- Works with accessory heads
- Microamps for flame diode test
- Frequency for motor setup



**ADA2**

**Dual Alligator Clips**

- Vinyl insulated cables
- 3.5 feet long



**SNCV1**

**Non-Contact Voltage Tester**

- Detects live AC voltage without contact
- Bright LED and loud beeper
- Range: 24VAC to 440VAC
- Senses 24VAC for thermostat power



**ASLS2**

**Silicone Test Leads**

- High copper strands, silicone insulated test leads
- Basket style strain relief



**ADLS2**

**Deluxe Silicone Test Leads**

- High copper strands, silicone insulated test leads
- Basket style strain relief
- Removable probe tips



**SMG5**

**Megohmmeter**

- Helps predict compressor failure
- One handed testing
- Long probe tip for hard to reach terminals
- Bright backlight



**ADK7**

**Deluxe Test Lead Kit**

- Silicone test leads
- Alligator clips
- Molex tips

