



## True RMS Advanced HVAC Clamp-On Meter w/ Wireless & $\Delta T$



### Functions

- True RMS
- 600A AC
- $\mu A$  DC 0.1 to 2000
- 1000V DC
- 750V AC
- Resistance
- Capacitance
- Differential temperature: -22° to 752°F (-30° to 400°C)
- Frequency
- Duty cycle
- LRA Inrush measurement

### Features

- Wireless to App
- Direct function button access
- Dual display
- Differential temperature
- Min/Max/Hold
- Backlit display
- Worklight
- Magnetic mount
- RF or Bluetooth® Wireless
- iOS® and Android™ compatible
- Input jack lockout
- Low battery lockout
- Visible high-voltage alert
- 2-Year limited warranty

### Applications

- Measure linear electrical loads
- Control voltage or system board voltage checks
- Circuit continuity or specified resistance
- Motor run or start faults
- Quick check of live wires
- Diode test malfunctions/ unbroken paths
- Motor inrush





### Includes

- Silicon test leads 2 (ATL57)
- Alligator clips 2 (AAC)
- Batteries 6 (AAA)
- Thermocouples 2 (ATT29)
- Free App for iOS® and Android™ (UEi Smart Data Logger)
- Zippered case
- Manual (10097)

### Specifications

#### AC Amps Measurement - Jaw input

Range	Resolution	Accuracy	Overload Protection
60A	0.01A	± (2.9% + 15 digits)	600V RMS
600A	0.1A	± (1.9% + 8 digits)	

True RMS: 45Hz to 400Hz

\* Minimum Current for Clamp Measurement: 0.2A

#### DC Low Amps Measurement - Test lead input

Range	Resolution	Accuracy	Overload Protection
600µA	0.1µA	± (1.2% + 3 digits)	2000µA / 600V RMS
2000µA	1µA		

#### DC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	± (0.5% + 4 digits)	1000V
6V	1mV		
60V	10mV		
600V	100mV		
1000V	1V	± (0.8% + 10 digits)	

#### AC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	± (2.0% + 5 digits)	750V RMS
6V	1mV		
60V	10mV		
600V	100mV		
750V	1V		

True RMS: 45Hz to 400Hz

#### Frequency Measurement

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz	± (1.0% + 4 digits)	600V RMS
999.9Hz	0.1Hz		
9.999kHz	1Hz		
99.99kHz	10Hz		
Sensitivity:	1.8V RMS		

#### Duty Cycle Measurement

Range	Test Current	Overload Protection
1 - 99%	±(0.2% per kHz + 0.1% + 5 digits)	600V RMS

#### Audible Continuity

Overload Protection	Open Circuit Voltage
600V RMS	< 0.44V

Threshold Approx : < 40Ω

#### Resistance

Range	Resolution	Accuracy	Overload Protection
600Ω	0.1Ω	± (1.0% + 4 digits)	600V RMS
6kΩ	1Ω		
60kΩ	10Ω		
600kΩ	100Ω		
6MΩ	1kΩ		
60MΩ	10kΩ	± (2.0% + 4 digits)	

#### Capacitance

Range	Resolution	Accuracy	Overload Protection
60.00nF	0.01nF	± (3.5% + 6 digits)	600 V RMS
600.0nF	0.1nF		
6.000µF	0.001µF		
60.00µF	0.01µF		
600.0µF	0.1µF		
2000µF	1µF		

#### Diode Test

Range	Open Circuit Voltage	Test Current (Typical)	Overload Protection
2.0V	<1.6V DC	0.25mA	600V RMS

#### Temperature

Range	Resolution	Accuracy	Overload Protection
-22°F ~ 14°F (-30°C ~ -10°C)	0.1°F (0.1°C)	± (1.0% + 5.4°F) ± (1.0% + 3.0°C)	300V RMS
15°F ~ 752°F (-9°C ~ 400°C)	0.1°F (0.1°C)	± (1.0% + 3.6°F) ± (1.0% + 2.0°C)	

Sensor: K-Type Thermocouple, sensor accuracy not included

### Downloads



Manual



Data Sheet

H28-069



Made in KOREA

USA