



True RMS Advanced HVAC Clamp-On Meter w/ Wireless & ΔT



Functions

- True RMS
- 600A AC
- μA 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	± (2.0% + 4 digits)	
60MΩ	10kΩ		

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