



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



Functions

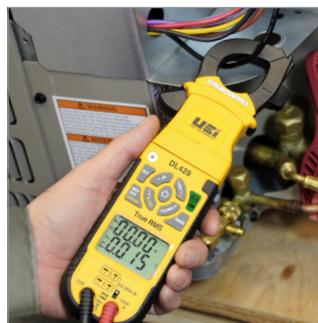
- True RMS
- 600A AC
- μ A DC 0.1 to 2000
- 1000V DC
- 750V AC
- Resistance
- Capacitance
- Differential temperature:
-22° to 752°F (-30° to 400°C)
- Frequency
- Duty cycle
- LRA Inrush measurement

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	$\pm (2.9\% + 15 \text{ digits})$	
600A	0.1A	$\pm (1.9\% + 8 \text{ digits})$	600V RMS

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	$\pm (1.2\% + 3 \text{ digits})$	
2000µA	1µA		2000µA / 600V RMS

DC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV		
6V	1mV	$\pm (0.5\% + 4 \text{ digits})$	
60V	10mV		
600V	100mV		
1000V	1V	$\pm (0.8\% + 10 \text{ digits})$	

AC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV		
6V	1mV		
60V	10mV	$\pm (2.0\% + 5 \text{ digits})$	
600V	100mV		
750V	1V		

True RMS: 45Hz to 400Hz

Frequency Measurement

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz		
999.9Hz	0.1Hz		
9.999kHz	1Hz	$\pm (1.0\% + 4 \text{ digits})$	
99.99kHz	10Hz		
Sensitivity:	1.8V RMS		

Duty Cycle Measurement

Range	Test Current	Overload Protection
1 - 99%	$\pm(0.2\% \text{ per kHz} + 0.1\% + 5 \text{ digits})$	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	$\pm (1.0\% + 4 \text{ digits})$	600V RMS
6kΩ	1Ω		
60kΩ	10Ω		
600kΩ	100Ω		
6MΩ	1kΩ		
60MΩ	10kΩ		

Capacitance

Range	Resolution	Accuracy	Overload Protection
60.00nF	0.01nF	$\pm (3.5\% + 6 \text{ digits})$	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)	$\pm (1.0\% + 5.4\text{°F})$ $\pm (1.0\% + 3.0\text{°C})$	300V RMS
15°F ~ 752°F (-9°C ~ 400°C)	0.1°F (0.1°C)	$\pm (1.0\% + 3.6\text{°F})$ $\pm (1.0\% + 2.0\text{°C})$	

Sensor: K-Type Thermocouple, sensor accuracy not included

Downloads



Manual



Data Sheet

H28-069



Made in KOREA