



DL259

Digital Clamp-On Meter

THE MOST VERSATILE & COMPLETE CLAMP-ON ON THE MARKET!

Featuring The New

WORKLIGHT

■ **Work Light / Back Light**

- Illuminate your work space to increase visibility & safety

■ **True RMS**

- Measure w/ professional level accuracy

■ **Features Include:**

- Auto / manual range
- Min/Max record w/ time stamp
- Data Hold
- TRMS AC Amps / AC Volts
- DC Volts
- Ohms / Continuity
- Frequency / Duty Cycle
- Temperature (°F or °C)
- Capacitance
- DC μ A (micro amps)



DL259 • Digital Clamp-On Meter

The DL259 Digital Clamp-on is the most versatile and complete test tool on the market. Designed specifically for HVAC/R service and industrial maintenance, this meter has been upgraded with True RMS for increased measuring accuracy. Technicians can increase safety by illuminating dark work areas with a bright LCD Work Light, which also provides a back light display. The DL259 is perfect for measuring flame safeguard current, motor inrush current, run/start capacitors, recording time-stamped temperature highs and lows, and performing general electrical troubleshooting. It's convenient size, teardrop jaw design, upgraded features, and ergonomic controls add speed, comfort, flexibility and safety to your measurement tasks. Three year limited warranty.

Standard Accessories:

Test Leads w/ Alligator ClipsATL55
 Temperature Probe AdapterATT70
 Fuse, .5 amp, 500mA/660VAF155
 Thermocouple (K-Type)ATT29
 Battery, 9VNEDA 1604 or 6LR61
 Holster w/ belt loopNA

Optional Accessories:

Flame Safeguard Test KitATLFSG
 Microwave Diode Booster Test LeadATL60
 Line SplitterALS1
 K type Thermocouple ProbesSee Catalog



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Distributed By:

Specifications

AC Amps Measurement (45Hz-400Hz) Crest Factor < 3 : 1

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	±3.0%+20dpts	400A Continuous
400A	0.1A	±2.0%+5dpts	

DC Low Amps Measurement

Range	Resolution	Accuracy	Overload
40µA	0.01µA	±1.0%+5dpts	400µA/600V
400µA	0.1µA	±1.5%+2dpts	

DC Volts Measurement

Range	Resolution	Accuracy	Overload Protection
4V	1mV	±0.9%+2dpts	600V RMS
40V	10mV		
400V	100mV		
1000V	1V		

AC Volts Measurement (45Hz-2kHz) Crest Factor < 3 : 1

Range	Resolution	Accuracy	Overload Protection
4V	1mV	±1.9%+3dpts	600V RMS
40V	10mV		
400V	100mV		
1000V	1V		

Ohms Measurement

Range	Resolution	Accuracy	Overload Protection
4 0 0	10 0 m	±0.9%+3dpts	600V
4 k	1		
4 0 k	10		
4 0 0 k	10 0		
4 M	1 k	±1.2%+3dpts	
4 0 M	10 k	±1.5%+5dpts	

Capacitance Measurement

Range	Resolution	Accuracy	Overload Protection
1µF	0.001µF	±1.7%+5dpts	600V
10µF	0.01µF		
100µF	0.1µF		
1000µF	1µF	±2.5%+15dpts	
10000µF	1µF	±15%+100dpts	

Temperature Measurement

Range	Resolution	Accuracy	Overload Protection
-40° to 68° (-40 to 20°)	0.1° (0.1°)	±(5.4°) ±(3.0°)	600V
68° to 400° (20° to 400°)	0.1° (0.1°)	±1.0%+3.6° (±1.0%+2.0°)	
400° to 2,498° (400° to 1,370°)	1° (1°)	±3% of reading (±3% of reading)	

Frequency Measurement

Range	Resolution	Accuracy	Overload Protection
999.9Hz	0.1Hz	±0.05%+2d	600V
9.999Hz	1Hz		
99.99Hz	10Hz		

Continuity Measurement

Open circuit voltage <2.7V	Overload Protection
Threshold Approx: <50	600V