



DL250

Digital Clamp-On Meter

THE ALL IN ONE PROFESSIONAL METER

- 400 Amps AC
- 600 Volts AC and DC
- Resistance to 40 Megohms
- Features Include:
 - Continuity
 - Capacitance
 - Temperature (°F or °C)
 - DC μ A (micro amps)
 - Diode Check
 - MIN/MAX with time stamp record
 - Autoranging
 - Data Hold



DL250 • Digital Clamp-On Meter

The DL250 Digital Clamp-on is the all-in-one test-tool that's designed to make quick work of HVAC/R service and industrial maintenance. Whether you're measuring flame safeguard current, motor inrush current, run/start capacitors, recording time-stamped temperature highs and lows, or performing general electrical troubleshooting, the DL250 has you covered! It's convenient size, teardrop jaw design and ergonomic controls add speed, comfort and flexibility to your measurement tasks.

Capabilities:

- AC current to 400 Amps
- .01 to 400 μ A for control circuit tests (like flame safeguard)
- AC/DC volts to 600V
- Resistance to 40 Megohms
- Temperature measurements to 750°F
- Capacitance to 10,000 μ F for run/start capacitors
- Diode and continuity functions
- MIN/MAX record mode with time stamp
- Autoranging (manual range capability)
- Data hold
- Auto power off after 30 minutes
- Belt clip-on holster
- Three year limited warranty

Standard Accessories:

Test Leads w/ Alligator ClipsATL55
 Temperature Probe AdapterATT70
 Fuse, .5 amp, 500mA/660VAF155
 Thermocouple (K-Type)ATT29

Optional Accessories:

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

Specifications

Function	Range	Resolution	Accuracy	Overload	
AC Amps (50 Hz to 400 Hz)	40A	0.01 A	3.0% \pm 20 digits	400 A	
	400 A	0.1 A	2.0% \pm 5 digits	Continuous	
DC Low Amps	40 μ A	0.01 μ A	1.0% \pm 5 digits	400 μ A/ 250 V	
	400 μ A	0.1 μ A	1.5% \pm 2 digits		
DC Volts	4 V	1 mV	0.9% \pm 2 digits	600 V RMS	
	40 V	10 mV			
	400 V	100 mV			
	600 V	1 V			
AC Volts (50 Hz to 400 Hz)	4 V	1 mV	1.9% \pm 3 digits		
	40 V	10 mV			
	400 V	100 mV			
	600 V	1 V			
Ohms	400 Ω	100 Ω	0.9% \pm 3 digits	600 V	
	4 K Ω	1 Ω			
	40 K Ω	10 Ω			
	400 K Ω	100 Ω			
	4 Ω	1 Ω			1.2% \pm 3 digits
	40 Ω	10 Ω			1.5% \pm 5 digits
Capacitance	1 μ F	0.001 μ F	1.7% \pm 5 digits	600 V	
	10 μ F	0.01 μ F			
	100 μ F	0.1 μ F			
	1000 μ F	1 μ F			2.5% \pm 15 digits
	10000 μ F	1 μ F			15% \pm 100 digits
Temperature	-40° to 15°F	0.1°F	5% \pm 5°F	30 V AC or 60 V AC	
	15° to 750°F	0.1°F	1% \pm 3°F		
Continuity	Open circuit test voltage Threshold: Approx:		<2.7 V <50	600 V	
Diode Check	Open-circuit test voltage		<3.3 V	600V	
	Max test current		3.0 mA		

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