

AC/DC Digital Clamp-On Multimeter

True RMS - Designed for HVAC, MRO & Electricians



Functions

- 400A AC/DC with DC auto zero
- 1000V DC / 750V AC
- Ohms to 40M
- 45Hz to 400Hz True RMS
- Frequency & Duty Cycle
- Diode Test
- Continuity

Features

- True RMS
- Data hold
- MIN / MAX
- Auto power off
- Test lead storage
- 3 Year limited warranty



The DL49B is ideal for HVAC technicians, electricians and plant maintenance professionals with the ability to measure AC and DC inductive amps, making testing generators, compressor pump motors and power converters quick and easy. With its compact design and convenient zippered pouch the durable DL49B will always be ready for the job.

Includes



- DL49B clamp-on meter
- 2 Test leads
- 2 AAA batteries
- Zippered case
- Instruction manual

Specifications

AC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.9% + 15 digits)	600V RMS
400A	0.1A	± (1.9% + 8 digits)	

True RMS: 45Hz to 400Hz

* Minimum Current for Clamp Measurement: 0.2A

DC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	± (2.5% + 15 digits)	600V RMS
400A	0.1A	± (1.5% + 8 digits)	

True RMS: 45Hz to 400Hz

* Minimum Current for Clamp Measurement: 0.2A

Resistance: < 40MΩ

Range	Resolution	Accuracy	Overload Protection
400Ω	0.1Ω	± (1.0% + 4 digits)	600V RMS
4kΩ	1Ω		
40kΩ	10Ω		
400kΩ	100Ω		
4MΩ	1kΩ		
40MΩ	10kΩ	± (2.0% + 4 digits)	

DC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	± (0.5% + 4 digits)	1000V
4V	1mV		
40V	10mV		
400V	100mV		
1000V	1V		

Overload Protection: 1000V

AC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	± (2.0% + 5 digits)	750V RMS
4V	1mV		
40V	10mV		
400V	100mV		
750V	1V		

True RMS: 45Hz to 400Hz

Continuity

Overload Protection	Open Circuit Voltage
600V RMS	< 0.44V

Threshold Approx : < 40Ω

Diode Test

Overload Protection	Range	Test Current	Open Circuit Voltage
600V RMS	2.0V	Appx. 0.25mA	< 1.6V DC

Frequency

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

Duty Cycle

Range	Accuracy	Overload Protection
1.0 ~ 99.0%	± (0.2% per kHz + 0.1% + 5 digits)	600V RMS