



DL49

Digital Clamp-On Multimeter

EVERYDAY FAVORITE FOR HVAC & ELECTRICAL TECH'S

- All inputs, ranges and functions protected to 600V CAT III!
- Includes test leads and carrying case with belt clip
- Features Include:
 - 400 Amps AC/DC
 - 600 Volts AC/DC
 - IEC CAT III 600 Volts AC/DC
 - Resistance to 40 Megohms
 - Continuity tone sounds at $< 50\Omega$
 - Autoranging
 - AC Amps peak hold
 - 1 mV DC resolution allows use of DMM adapters



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The DL49 is ideal for professionals. With the ability to measure AC and DC amps, along with featured DMM capabilities, the DL49 makes testing generators, compressor pump motors, and power converters quick and easy. It's compact size and convenient case makes it easy to carry and use.

The DL49 has the following features:

- CAT III rated at 400 amps and 600 volts AC and DC
- UL listed and CE registered
- Resistance measurements to 40 Megohms
- Continuity tone sounds at $< 50\Omega$
- Peak hold for AC clamp current
- Data hold
- Autoranging
- 1 mV DC resolution allows use of DMM adapters
- Includes test leads and carrying case with belt clip
- Low battery indicator
- Auto power-off
- Three year limited warranty

Specifications

Size (H x W x D)	7.68" x 3.06" x 1.79" (195 x 77 x 46 mm)
Operating Temperature	32° to 113°F (0° to 45°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Relative Humidity (Storage & Use)	0 to 80% RH
Weight	13 oz. (370 Grams)
Calibration Schedule	Annual
UL Listing	3111-1
IEC Std.	1010-1 (CAT III 600 Volts, 400 Amps)
Battery	9 Volt Alkaline (NEDA, 1604, 6F22, or 06P)
Test Leads	UEi Part # ATL55
Holster	UEi Part # AC 259

Function	Range	Resolution	Accuracy	
Ohms (Ω)	400 Ω	0.1 Ω	$\pm(0.9\% +3 \text{ Digits})$	
	4 K Ω	1 Ω		
	40 K Ω	10 Ω		
	400 Ω	100 Ω		
		4 M Ω	1 K Ω	$\pm(1.2\% +5 \text{ Digits})$
		40 M Ω	10 K Ω	
Volts AC (50 Hz to 400 Hz)	4 V	1 mV	$\pm(1.5\% +3 \text{ Digits})$	
	40 V	10 mV		
	400 V	100 mV		
	600 V	1 V		
Volts DC	4 V	1 mV	$\pm(0.9\% +2 \text{ Digits})$	
	40 V	10 mV		
	400 V	100 mV		
	600 V	1 V		
Amps AC (50 Hz to 400 Hz)	40 A	0.01 A	$\pm(2\% +5 \text{ Digits})$	
	400 A	0.1 A	$\pm(3\% +10 \text{ Digits})$	
Amps DC	40 A	0.01 A	$\pm(2.5\% +10 \text{ Digits})$	
	400 A	0.1 A	$\pm(1.5\% +5 \text{ Digits})$	

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