

# LAN Testing and Multimeter



## 2 in 1



### Features:

- Measures dc / ac Voltage, dc / ac current, resistance, continuity, diode and LAN tester
- 3-1/2 digit (2,000 count) LCD display for multi-meter functions
- LED Displays the actual pin configuration of 10BASE-T and 10BASE-2 thin Ethernet, FJ45 258 A, tia-568a / 568b and token ring cables
- Double moulded housing
- CATIII 6,00 V, CATII 1,000 V
- Provides easy to read continuity and fault status display
- Checks for continuity, open wire, ground wire, shorted pair and crossed pair faults
- Allows for remote testing of installed cables from wall jack or patch panel
- Auto or manual scanning for LAN tester
- Auto-ranging with auto power off for multi-meter functions

### Specifications:

Maximum input voltage	: 6,00 V ac / dc
Diode test	: Maximum test current 1 mA, open circuit voltage of 1.5 V typical
Continuity check	: Audible signal if the resistance is <150
Display	: 2,000 count 3-1/2 digit LCD
Over range indication	: LCD displays "OL"
Polarity	: Minus (-) sign for negative polarity
Low battery indication	: "BAT" symbol indicates low battery condition
Input Impedance	: >7.5 M (V dc and V ac)
AC response	: Average responding
ACV bandwidth	: 50 Hz to 60 Hz
Auto power off	: 15 minutes (approximately)
Fuse	: mA, $\mu$ A ranges; 0.2 A / 250 V fast acting fuse
Batteries	: 9 V battery and two "AA" batteries
Operating temperature	: 32°F to 104°F (0°C to 40°C)
Storage temperature	: 14°F to 122°F (-10°C to 50°C)
Weight	: 308 g
Size	: 162 × 74.5 × 44 mm
Standard	: IEC61010-1 CAT III-600 V pollution degree II, CE approved

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### Specification Table

Function	Range	Accuracy
DC Voltage	200 mV	$\pm(0.5\% \text{ rdg} + 3\text{d})$
	2 V, 20 V	$\pm(1\% \text{ rdg} + 3\text{d})$
	200 V, 600 V	
AC Voltage 50 to 60 Hz	2 V, 20 V	$\pm(1\% \text{ rdg} + 5\text{d})$
	200 V, 600 V	$\pm(1.5\% \text{ rdg} + 10\text{d})$
DC Current	200 $\mu\text{A}$ , 2,000 $\mu\text{A}$	$\pm(1.5\% \text{ rdg} + 3\text{d})$
	20 mA, 200 mA	$\pm(2\% \text{ rdg} + 3\text{d})$
AC Current	200 $\mu\text{A}$ , 2,000 $\mu\text{A}$	$\pm(1.8\% \text{ rdg} + 8\text{d})$
	20 mA, 200 mA	$\pm(2.5\% \text{ rdg} + 8\text{d})$
Resistance	200	$\pm(0.8\% \text{ rdg} + 5\text{d})$
	2 k $\Omega$ , 20 k $\Omega$ , 200 k $\Omega$	$\pm(1.2\% \text{ rdg} + 3\text{d})$
	2 M $\Omega$	$\pm(2\% \text{ rdg} + 5\text{d})$
	20 M $\Omega$	$\pm(5\% \text{ rdg} + 8\text{d})$

### Part Number Table

Description	Part Number
LAN Tester and DMM	72-8495

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