

# 2 in 1 LAN Tester & Multi-meter



## Features:

- 2 in 1- LAN Tester & Multi-meter
- Measures DC/AC Voltage, DC/AC Current, Resistance, Continuity, diode and LAN tester
- 3-1/2 digit (2000 count) LCD display for multi-meter functions
- LED Displays the actual pin configuration of 10BASE-T and 10BASE-2 Thin Ethernet, FJ45 258A, tia-568a/568b and Token Ring cables
- Double Molded housing
- CATIII 600V; CATII 1000V
- 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:

|                        |   |
|------------------------|---|
| Max. Input Voltage     | 600V AC/DC  |
| Diode Test             | Test current 1mA max., open circuit voltage of 1.5V typical |
| Continuity Check       | Audible signal if the resistance is <math><150\Omega</math> |
| 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        | >7.5M $\Omega$ (V DC & V AC)                                |
| AC Response            | Average response  |
| ACV Bandwidth          | 50Hz to 60Hz  |
| Auto Power Off         | 15 minutes (approximately)                                  |
| Fuse                   | mA, $\mu$ A ranges; 0.2A/250V fast acting Fuse              |
| Batteries              | 9V battery and two “AA” batteries                           |
| Operating Temperature  | 0 to 40°C (32°F to 104°F)                                   |
| Storage Temperature    | -10°C to 50°C (14°F to 122°F)                               |
| Weight                 | 308g  |
| Size                   | 162mm × 74.5mm × 44mm                                       |
| Standard               | IEC61010-1 CAT III-600V Pollution degree II, CE Approved    |

## Electrical Specifications:

| Function   | Range      | Accuracy                      |
|------------|------------|-------------------------------|
| DC Voltage | 200mV,     | $\pm(0.5\% \text{ rdg} + 3d)$ |
|            | 2V, 20V,   | $\pm(1\% \text{ rdg} + 3d)$   |
|            | 200V, 600V | $\pm(1\% \text{ rdg} + 3d)$   |



# 2 in 1 LAN Tester & Multi-meter



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

## Part Number Table

| Description                     | Part Number |
|---------------------------------|-------------|
| 2 in 1 LAN Tester & Multi-meter | 72-8495     |

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