

2-in-1 LAN Tester & Multimeter

TENMA™

RoHS
Compliant



Features

- 2-in-1 LAN Tester & Multi-meter
- Double molded housing
- 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 & 10BASE-2 Thin Ethernet, FJ45 258A, tia-568a/568b and Token Ring cables
- Checks for continuity, open wire, ground wire, shorted pair and crossed pair faults
- Provides easy to read continuity and fault status display
- 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

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LAN Tester Part Description

1. Remote terminator with LED display for receiving end
2. LAN Connector
3. LED display for sourcing end & receiving end (RJ45 Jacks)
4. Test switch for auto and manual scan
5. LAN tester power switch

Digital Multimeter Part Description

1. Function Switch
2. 3-1/2 Digit LCD Display
3. MODE Button
4. MAX Hold & Data Hold Button
5. COM Input Jack
6. V, Ω , μ A, mA Input Jack
7. Battery Cover

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 Resistance is $<150\Omega$
Display	: 2000 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, μ A Ranges; 0.2A/250V Fast Acting Fuse
Batteries	: 9V Battery & Two "AAA" Batteries
Operating Temperature	: 0°C to 40°C (32°F to 104°F)
Storage Temperature	: -10°C to 50°C (14°F to 122°F)
Weight	: 308g
Dimension	: 162mm \times 74.5mm \times 44mm
Standard	: IEC 61010-1 CAT III-600V Pollution Degree II, CE Approved

Electrical Specifications

Function	Range	Accuracy
DC Voltage	200mV	$\pm(0.5\% \text{ rdg} + 3\text{digits})$
	2.000V, 20.00V	$\pm(1.0\% \text{ rdg} + 3\text{digits})$
	200.V, 600V	$\pm(1.0\% \text{ rdg} + 3\text{digits})$



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Function	Range	Accuracy
AC Voltage 50-60Hz	2.000V, 20.00V	$\pm(1.0\% \text{ rdg} + 5\text{digits})$
	200.V, 600V	$\pm(1.5\% \text{ rdg} + 10\text{digits})$
DC Current	200.0 μ A, 2000 μ A	$\pm(1.5\% \text{ rdg} + 3\text{digits})$
	20.00mA, 200.0mA	$\pm(2.0\% \text{ rdg} + 3\text{digits})$
AC Current	200.0 μ A, 2000 μ A	$\pm(1.8\% \text{ rdg} + 8\text{digits})$
	20.00mA, 200.0mA	$\pm(2.5\% \text{ rdg} + 8\text{digits})$
Resistance	200.0 Ω	$\pm(0.8\% \text{ rdg} + 5\text{digits})$
	2.000k Ω , 20.00k Ω , 200.0k Ω	$\pm(1.2\% \text{ rdg} + 3\text{digits})$
	2.000M Ω	$\pm(2.0\% \text{ rdg} + 5\text{digits})$
	20.00M Ω	$\pm(5.0\% \text{ rdg} + 8\text{digits})$

Accessories

9V Battery & Two "AAA" Batteries, Remote Terminator, Holster, Cables, Test Leads, Carrying case and Instruction Manual.

Part Number Table

Description	Part Number
2-in-1 LAN Tester & Multimeter	72-8495

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