

NEW insulation & continuity tester (TM-507)

Ohm Meters

TM-507 Insulation Tester

TENMARS



DISPLAY

- 4 digits LCD display.
- Polarity Indication: Automatically polarity, "-" display for negative input.
- Standard: EN61557 / EN61010-1 CAT IV 600V.
- Overload Indication: LCD will show "OL" at left side.
- Low Battery Indication: Replace battery as LCD displays "BAT".

FUNCTIONS

- Function keys: ZERO, TEST, LOCK.
- Automatic zero adjustment.
- Continuity test
- Measures high insulation resistance (4MΩ/40MΩ/400MΩ/1000MΩ) with auto range of 250V, and (4MΩ/40MΩ/400MΩ/2000MΩ) with auto range of 500V and (4MΩ/40MΩ/400MΩ/4000MΩ) with auto range of 1000V.
- Measures DC voltage (0 V ~ 600V), AC Voltage (0V ~ 600V).
- Auto power OFF
- Auto discharge.

SAMPLING SPEED

Sampling rate : 2times/ second.

SEPCIFICATIONS

Accuracy: ±(. . . % reading + . . . digits) at 23°C±5°C, 0%~80%RH.

ACV

Range	Resolution	Accuracy	Input Impedance	Overload Protection
ACV 600V	0.1V	±(0.8% +4)	10MΩ	DC 600V AC 600V rms

DCV

Range	Resolution	Accuracy	Input Impedance	Overload Protection
DCV 600V	0.1V	±(0.5% +1)	10MΩ	DC 600V AC 600V rms

Insulation High-resistance

Range	Resolution	Accuracy	Nominal current
250V/1000MΩ	0M 0.01MΩ ~20 MΩ 20MΩ ~1000 MΩ	Less than 10dgt ±(2%+5) ±(5%+5)	1mA DC
500V/2000MΩ	0MΩ 0.01MΩ ~200 MΩ 200MΩ ~2000 MΩ	Less than 10dgt ±(2%+5) ±(5%+5)	1mA DC
1000V/4000MΩ	0MΩ 0.03MΩ ~1000 MΩ 1000MΩ ~4000 MΩ	Less than 15dgt ±(3%+5) ±(5%+10)	1mA DC

Low Ohms resistance

Range	Resolution	Accuracy	Audible/visible voltage warning	Load ohm <= 5Ω Open circuit voltage 9V typical
20Ω	0.01Ω	±(2%+3)	≥ 30V ac or dc	200mA min

Continuity Test

Range	Sound Indication	Accuracy	Audible/visible voltage warning
200Ω	Less than 40Ω	±(2%+3)	≥ 30V ac or dc

ACCESSORIES

- Instruction manual
- Carrying case
- Ohm probe
- Battery x 6pcs

POWER SUPPLY

- Batteries type : LR6 (AA) * 6 pcs.