

# INSULATION TESTER

261

**Features :**

- Insulation test range up to 20GΩ.
- Test voltages of 50V, 100V, 250V, 500V and 1000V for insulation test.
- >1mA Short-Circuit Test current for insulation test.
- Live circuit detection.
- Open Circuit Test Voltage > 4V and Short-Circuit current > 200mA for LoΩ test.
- Power Source: size AA batteries (IEC LR6) X 4pcs
- Auto Power Off: Approx. 10 minutes.
- Approvals : EN61010 600V CAT IV
- Electromagnetic Compatibility: EN61326-1
- Dimensions / Weight: 206(L) x 90(W) x 51(H) mm / Approx. 510g (with holster & battery)



**Insulation Resistance Measurement :**

Insulation Test Voltage	Range	Accuracy
50V	300KΩ / 3.00MΩ / 30.0MΩ / 300MΩ / 1.00GΩ	± (3% rdg + 5dgts) (30KΩ ~ 1.00GΩ)
100V	600KΩ / 6.00MΩ / 60.0MΩ / 600MΩ / 2.00GΩ	± (3% rdg + 5dgts) (60KΩ ~ 2.00GΩ)
250V	1.50MΩ / 15.0MΩ / 150MΩ / 1.50GΩ	± (3% rdg + 5dgts) (0.15MΩ ~ 1.50GΩ)
	5.0GΩ	± (10% rdg + 3dgts)
500V	3.00MΩ / 30.0MΩ / 300MΩ / 3.00GΩ	± (3% rdg + 5dgts) (0.30MΩ ~ 3.00GΩ)
	10.0GΩ	±(10% rdg + 3dgts)
1000V	6.00MΩ / 60.0MΩ / 600MΩ / 6.00GΩ	± (3% rdg + 5dgts) (0.60MΩ ~ 6.00GΩ)
	20.0GΩ	± (10% rdg + 3dgts)

**AC/DC Voltage**

Range	Resolution	Accuracy (AC: 45~500Hz)	Protection
60.00V/600.0V	0.01V/0.1V	±2% rdg + 5 dgts	600Vrms

**Resistance**

Range	Resolution	Accuracy	Protection
600.0Ω/6.000KΩ/60.00KΩ/600.0KΩ	0.1Ω/0.001KΩ/0.01KΩ/0.1KΩ	2% rdg + 5dgts	600Vrms

**Continuity**

Range	Resolution	Beeper	Protection
600.0Ω	0.1Ω	≤ 7Ω ± 1Ω	600Vrms

**LoΩ**

Range	Resolution	Accuracy
6.00Ω/60.0Ω	0.01Ω/0.1Ω	2% rdg + 3 dgts

Contd... /2

**Standard Delivery :**

- Basic Instrument with Battery
- Test Lead
- Carrying Case
- Large Jaw Alligator Clips
- Holster
- Traceable Calibration Certificate
- Instruction Manual

**Optional :**

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

*Marketed by...*



Since 1972

**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED.**

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Specifications subject to change owing to continuous development. Contact us for latest Datasheet.

NIE/TDS/261/01/00

Apr.2021