

INSULATION TESTER

NAGMAN 261

SALIENT FEATURES

Insulation test range up to 20GΩ.
 Test voltages of 50V, 100V, 250V, 500V and 1000V 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)



GENERAL SPECIFICATIONS

Typical Photo: Final Product look may vary

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 (AC: 45~500Hz)	Protection
600.0Ω/6.000KΩ/60.00KΩ/600.0KΩ	0.1Ω/0.001KΩ/0.01KΩ/0.1KΩ	2% rdg +	600Vrms

CONTINUITY

Range	Resolution	Accuracy (AC: 45~500Hz)	Protection
600.0Ω	0.1Ω	≤ 7Ω ± 1Ω	600Vrms

LoΩ

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

STANDARD INCLUSIONS

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

OPTIONAL

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

Manufactured by



NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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

NIE/TDS/261/01/26/00