

MARTINDALE
● ● ● **ELECTRIC**

Specification
IN2101 & IN2102
Insulation Tester




General:

Digital Display: 5000 count

Overrange: OL is displayed

Analogue Bargraph: 51 segment

Low battery indication: the  symbol is displayed when the battery voltage drops below the operating level.

Measurement rate: 2.5 times per second, nominal.

Backlight

Auto Zero & Autohold

Auto Power Off: 5 minutes

APO (Auto Power Off) disable option

Safety: Complies with BS EN 61010 and BS EN 61557 (16th Edition)

Overvoltage Category: CAT III 600V, Pollution Degree 2.

Altitude: Up to 2000M

Protection: IP44

Not for use in wet conditions.

Operating Environment: 0°C to 40°C at < 70% relative humidity

Storage Temperature: -20°C to 60°C, 0 to 80% R.H. with batteries removed from tester.

Dimensions: 90 x 210 x 54mm

Voltage test

Voltage warning: >30V

Range	Resolution	Accuracy
600V AC/DC	1V	±(3% rdgs +5d)

Continuity test

Range	Resolution	Accuracy
40Ω	0.01Ω	±(3% rdgs +5d)

Short circuit current:>200mA

Auto-Discharge: when TEST button released

●))) test

Range	Resolution	Accuracy
999.9Ω	0.1Ω	±(3% rdgs +5d)

Auto-Discharge: when TEST button released

Buzzer: <30Ω

Buzzer disable option: yes

k Ω test

Range	Resolution	Accuracy
1999k Ω	0.1 Ω <999.9 Ω 1 Ω >1000 Ω	$\pm(3\% \text{ rdgs} + 5d)$

Auto-Discharge: when TEST button released

Insulation test (IN2101)

Voltage	Range	Resolution	Accuracy
500V	4/40/400/ 1000M Ω	1k Ω /10k Ω /100k Ω / 1M Ω	$\pm(3\% \text{ rdgs} + 5d)$

Short circuit current: <1.5mA

Auto-Discharge: when TEST button released

Buzzer disable option: yes

Insulation test (IN2102)

Voltage	Range	Resolution	Accuracy
250V 500V 1000V	4/40/400/1000M Ω 4/40/400/4000M Ω 4/40/400/5000M Ω	1k Ω /10k Ω /100k Ω /1M Ω	$\pm(3\% \text{ rdgs} + 5d)$

Short circuit current: <1.5mA

Auto-Discharge: when TEST button released

Buzzer disable option: yes