

**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 $\Omega$  test**

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

Auto-Discharge: when TEST button released

**Insulation test (IN2101)**

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

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 $\Omega$ 4/40/400/4000M $\Omega$ 4/40/400/5000M $\Omega$	1k $\Omega$ /10k $\Omega$ /100k $\Omega$ /1M $\Omega$	$\pm(3\% \text{ rdgs} + 5d)$

Short circuit current: <1.5mA

Auto-Discharge: when TEST button released

Buzzer disable option: yes