

Order code	Manufacturer code	Description
85-2688	n/a	n/a

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

# 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	$\pm(3\% +5d)$

### Continuity test

Range	Resolution	Accuracy
40 $\Omega$	0.01 $\Omega$	$\pm(3\% +5d)$

Short circuit current:>200mA

Auto-Discharge: when TEST button released

### ●))) test

Range	Resolution	Accuracy
999.9 $\Omega$	0.1 $\Omega$	$\pm(3\% +5d)$

Auto-Discharge: when TEST button released

Buzzer: <30 $\Omega$

Buzzer disable option: yes

### kΩ test

Range	Resolution	Accuracy
1999kΩ	0.1Ω<999.9Ω 1Ω>1000Ω	±(3% +5d)

Auto-Discharge: when TEST button released

### Insulation test (IN2101)

Voltage	Range	Resolution	Accuracy
500V	4/40/400/ 1000MΩ	1kΩ/10kΩ/100kΩ/ 1MΩ	±(3% +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	4/40/400/1000MΩ 4/40/400/4000MΩ 4/40/400/5000MΩ	1kΩ/10kΩ/100kΩ/1MΩ	±(3% +5d)

Short circuit current: <1.5mA

Auto-Discharge: when TEST button released

Buzzer disable option: yes