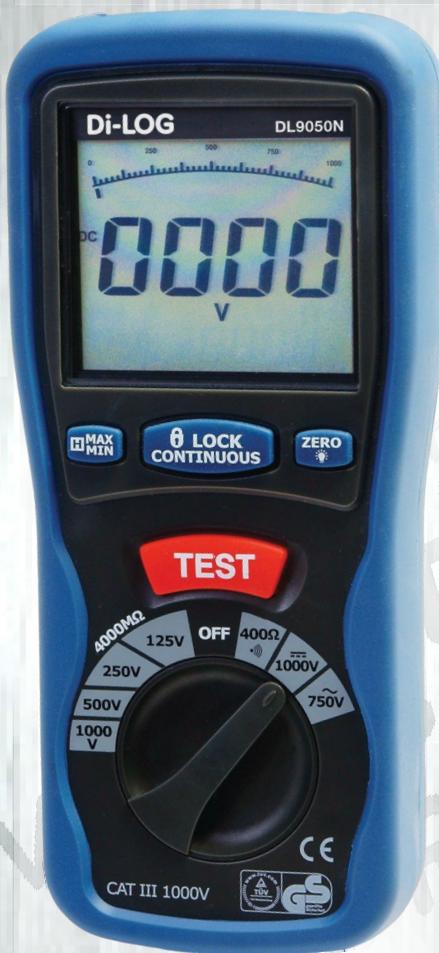


# DL9050N - Insulation Tester

The DL9050N is a hand held 17<sup>th</sup> Edition Insulation Tester c/w Zero option for continuity

The DL9050N has a large back lit LCD and bar graph display, with a measuring range up to 4GΩ. Test voltages from 125 to 1000V and a lock button for quick testing. The double moulded case makes the instrument suitable for the most rugged applications.



## Key Features

- Insulation Test Volt 125, 250, 500 & 1kV
- Insulation Test 0.1MΩ to 4000MΩ
- Continuity Test 0.01Ω to 400Ω
- Live Circuit Detection
- Min/Max Function
- Output Voltage Lock
- Lead Zero on Continuity
- Auto Power Off

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# DL9050N - SPECIFICATIONS

## Continuity Ohms

Range	Resolution	Accuracy
400Ω	0.01Ω	±2 % of rdg ± 2 dcts

**Max open circuit voltage:-** 4.5V

**Overload protection:-** 250Vrms

## Audible continuity

Range	Resolution	Operation Resistance
Beeper	0.1Ω	<40Ω
Short Circuit Current		<200mA

**Max open circuit voltage:-** 4.5V

**Overload protection:-** 250Vrms

## Voltage (Auto-ranging)

Range	Resolution	Accuracy
1000V	1V	±0.8 % of rdg ± 3 dcts

**Input Impedance:-** 10MΩ

**Overload protection:-** 1000V rms

## AC Voltage (Auto-ranging)

Range	Resolution	Accuracy
750V	1V	±1.2 % of rdg ± 10 dcts

**Input Impedance:-** 10MΩ

**Overload Protection:-** 750Vrms

## Insulation

Range	Resolution	Resolution	Accuracy
125V (0%-10%)	0.125-4.00MΩ	0.001MΩ	±2% of rdg ± 10 dcts
1mA @ load	4.001-40.0MΩ	0.01MΩ	±2% of rdg ± 10 dcts
125KΩ ISC ≤1mA	40.01-400.0MΩ	0.1MΩ	±4% of rdg ± 6 dcts
	400.1-4000MΩ	1MΩ	±4% of rdg ± 6 dcts
250V (0%-10%)	0.250-4.00MΩ	0.001MΩ	±2% of rdg ± 10 dcts
1mA @ load	4.001-40.0MΩ	0.01MΩ	±2% of rdg ± 10 dcts
250KΩ SC ≤1mA	40.01-400.0MΩ	0.1MΩ	±3% of rdg ± 6 dcts
	400.1-4000MΩ	1MΩ	±4% of rdg ± 6 dcts
500 (0%-10%)	0.500-4.00MΩ	0.001MΩ	±2% of rdg ± 10 dcts
1mA @ load	4.001-40.0MΩ	0.01MΩ	±2% of rdg ± 10 dcts
500KΩ ISC ≤1mA	40.01-400.0MΩ	0.1MΩ	±2% of rdg ± 6 dcts
	400.1-4000MΩ	1MΩ	±4% of rdg ± 6 dcts
1000V (0%-10%)	1.000-4.00MΩ	0.001MΩ	±2% of rdg ± 10 dcts
1mA @ load 1MΩ	4.001-40.0MΩ	0.01MΩ	±2% of rdg ± 10 dcts
ISC ≤1mA	40.01-400.0MΩ	0.1MΩ	±4% of rdg ± 6 dcts
	400.1-4000MΩ	1MΩ	±4% of rdg ± 6 dcts

**Input Impedance:** 10MΩ.

**Maximum Input:** 1000V DC or 1000V AC rms.

## Information

Supplied with 6 x 1.5V AA

Dimensions: 200H) x 92(W) x 50D) mm

Weight: 700g

**All Di-log 17<sup>th</sup> Edition  
supported by a  
2 Year Warranty**



EMC & LVD

EN:61326, 61010-1 CAT III 1000V, 61010-02-031

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