

Decade Inductance Box

Features

- Inductance range from 10 μ H to 11.1111H
- High accuracy
- Excellent stability
- Outputs through 4mm safety BTI terminals
- Setting by Rotary switch



The Decade Inductance Box is used for testing the accuracy of multimeters and other instruments that directly measure inductance in a short period. Decade Inductance Box is custom wound and high permeability ferrite cores ensure insignificant influence from external magnetic fields and maximum stability.

Technical Specifications

Model	ZMDIB
Decades	10 μ H, 100 μ H, 1mH, 10mH, 100mH, 1H
Total Inductance Range	10 μ H to 11.1111H
Number of Decades Switches	06
Zero Inductance	< 2 μ H for 1 Year, After 1 year add 0.1 μ H per year, Maximum Zero Inductance: 1 mH
Accuracy	$\pm 1.0\%$ @ 1kHz for all decades, @ 25°C $\pm 2^\circ$ C, RH: 30 to 75%
Operating Temperature	10° C to 40° C
Storage Temperature	5° C to 70° C
Drift due to ageing	100 PPM / year
Temperature drift	0.01% / °C
Short Term Stability set value	300 PPM
Dimension	410mm(W) X 100mm(D) X 80mm(H)
Weight	2kg Approx

Dimensional Details Drawing

