

Product Name : Measurement of Inductance Capacitance by Maxwell's L/C Bridge	Product Code : NLAB-ELECTRONICSAB420022
Description : Measurement of Inductance Capacitance by Maxwell's L/C Bridge	
Technical Specification : Experimental Training Board has been designed specifically for the study of Maxwells L/C Bridge. Using this bridge the value of unknown capacitor or an unknown inductor can be found. The board is absolutely self contained and requires no other apparatus. Practical experience on this board carries great educative value for Science and Engineering Students. Object: To study Maxwells L/C Bridge. 01. To measure value of unknown capacitance. 02. To measure value of unknown Inductance. Features: The board consists of the following built-in parts: 01. $\pm 12V$ D.C. at 100mA, IC regulated Power Supply internally connected. 02. 1 KHz Sine Wave Oscillator. 03. Audio Amplifier and speaker for null detection.	

04. Five unknown values of capacitors selectable by a band switch.

05. Three unknown values of inductors selectable by a band switch.

06. Two decade resistances in 100 ohm steps.

07. Potentiometer and adequate no. of other electronic components.

08. Mains ON/OFF switch, Fuse and Jewel light.

The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.

Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.

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