



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Variable Capacitive Load Unit 60 HZ

**Product Code :**  
LBNY-0005-121000180



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

The Variable Capacitive Load Unit consists of 9 individually switched load capacitors arranged in three identical groups. The load in each group can be modified in seven-step increments. For a single-phase load, the three groups can be paralleled to allow twenty-one steps of load. The Variable Capacitive Load Unit 60 HZ trainer can be used either as a single or three phase variable capacitive load bank, or to teach and experiment the capacitors, and the basic principles of R-L and R-L-C circuits on AC and DC voltages with 1/3 HP 250 W machines. The capacitive load bank can operate in single phase or in three phases. All loads have 4mm color-coded safety posts on the front panel. Synoptic diagrams are silk-screened to ensure clarity and ease of use. In three phase load bank mode, the unit demonstrates the effect of balanced or unbalanced loading in three phase wye or delta circuits. When used in conjunction with other load banks, the unit allows the student to study the effect of load versus power factor. Included in the Rotating Machines Trainer for 1/3 hp - 250 W.

**Technical Specification :**

**Educational Advantages:**

Designed to experiment the basic principles of R-L and R-L-C circuits on AC and DC voltage.  
Can be used either as a single or three phase variable capacitive load bank.  
Consists of 9 individually switched load capacitors arranged in three identical groups.

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# Laboratory Instrument India

