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**Product Name :**  
Variable Resistive Load Unit

**Product Code :**  
LBNY-0005-121000186



www.laboratoryinstrumentindia.com

**Description :**

The resistive load bank can operate in single phase or in three phases. The Variable Resistive Load Unit consists of 9 individually switched load resistors arranged in three identical groups. The load in each group can be modified in seven-step increments. The Variable Resistive Load Unit trainer can be used either as a single or three phase variable resistive load bank, or to teach and experiment the Ohms law, as well the basic principles of R-L and R-L-C circuits on AC and DC voltages with 1/3 HP250 W machines. For a single-phase load, the three groups can be paralleled to allow twenty-one steps of load. 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.

**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 resistive load bank  
Consists of 9 individually switched load resistors arranged in three identical groups.

**Technical Specification :**

Can be used as DC or AC 1/ 3 load  
9 variable resistors  
Resistors per phase: 240/480/960  
Current per phase: 0.5/0.25/0.125 A  
Accuracy: 5%

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Max. power: 315 W AC/DC  
Max. current: 2.625 A AC/DC.



**Laboratory Instrument India**