



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Portable Capacitive Load Bank

**Product Code :**  
LBNY-0005-1590005



#### **Description :**

This allows students to create and study the effects of balanced or unbalanced capacitive loads. Each bank of capacitors includes a thermally operated circuit-breaker to protect the loads. The Portable Capacitive Load Bank is a robust steel enclosure that contains three banks of switchable capacitive loads. Each bank of capacitors is electrically separate, so they can connect as a star or delta load for three-phase circuits. This helps to prevent electrical shocks when the students disconnect the circuits. The value of the discharge resistor is too high to affect any experiment results. Each bank has a set of switches to bring each capacitor into circuit. Each capacitor of the load bank includes a high-value discharge resistor that safely discharges any d.c. electrical charge that remains after experiments. Students connect the loads to experiment circuits using safety sockets on the enclosure front panel. The other load banks are Resistive and Inductive. The enclosure has ventilation holes and has carrying handles for portability. Students can use this load bank in combination with the other similar load banks to provide variable power and power factor loads.

#### **Technical Specification :**

Nett dimensions: 400 mm x 450 mm x 450 mm

Nett weight: 22 kg

Packed volume: 0.15 m<sup>3</sup>

Packed weight: 32 kg.

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# Laboratory Instrument India

