



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Circuit Breaker Trainer

**Product Code :**  
LBNY-0005-1590008



#### **Description :**

It allows students to adjust the fault current in four different protection circuits to test and compare them. A variable transformer inside the unit works with the load to set and control the fault current in each of four circuits. This equipment works with a suitable three-phase supply and load to show how the most common circuit protection devices perform. To show students how industrial switching circuits work, each circuit includes a contact breaker, switched by an industrial standard discrepancy switch. Circuit one includes an additional adjustable residual current detector for experiments with different residual current faults. Each circuit has a different current protection device, including fuses, a magnetic only circuit-breaker, a thermal only circuit-breaker, and a thermo magnetic circuit breaker. This uses lamps to show the students when each of the fuses breaks. It shows the fault current and breaking time relationship for different fuse types. It includes a digital display and switches to help set the earth leakage fault current before the test. Circuit two tests fuses and includes a fuse break detector circuit.

#### **Technical Specification :**

Dimensions and weight:

Nett: 1000 mm wide x 500 mm high x 420 mm front to back and 102 kg

Packed: 0.34 m<sup>3</sup> and 150 kg

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# Laboratory Instrument India

