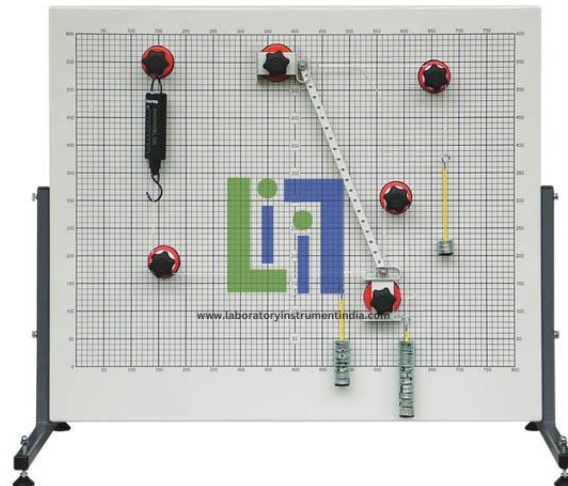




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Equilibrium Of A Rigid Body

**Product Code :**  
LBNY-0005-13900030



#### **Description :**

Students or teachers fit the magnetic parts of the kit to the Work Panel to study or demonstrate the forces around an inclined ladder-type structure. For use with the Work Panel the kit allows several experiments with a rigid body a ladder structure. The versatility of the kit means that you can adjust the ladder angle between more than 15 to 45 degrees and try it with or without a climbing mass at any position along its length. The kit holds a model ladder at different angles with or without a climbing mass and measures the horizontal and vertical forces. Supplies each kit with a fully illustrated user guide containing theory, experiments and typical results.

#### **Technical Specification :**

##### **Experiments:**

A climbing mass on a ladder  
A ladder at different angles  
Horizontal and vertical reaction forces on a ladder  
Safe angles for a ladder.

##### **Specifications:**

Tray Packed volume and weight: Approximately 0.015 m<sup>3</sup> and 6 kg  
Nett weight: 3.9 kg + 1 kg Storage.

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# Laboratory Instrument India

