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**Product Name :**  
Torsion And Bending

**Product Code :**  
LBNY-0005-13900025



#### **Description :**

The apparatus consists of two columns attached to the base frame. One column has a top support for bending specimen, and a clamp for torsion specimen. The Torsion And Bending apparatus is used for torsion and bending tests on different materials. Torsion And Bending is to be used with Universal Base Frame or Universal Structural Frame. For torsion test, one end of the specimen is clamped to the column, and the other end is clamped to the pulley. A lever arm is attached to the specimen at any length from the first column. The other column also has a top support for bending specimen with a pulley freely rotates in the column. Angle of twist is measured by a dial gauge for the lever movement. Torque is measured by the load and the pulley diameter. For bending test, the specimen is placed on or clamped to the supports on top of the columns. Load is applied to the specimen and deflection is measured by a dial gauge.

#### **Technical Specification :**

Specimens : Round 1 ea for steel, aluminum and brass.  
Flat 1 ea for steel, aluminum and brass.  
Columns : One with fixed specimen clamp, and one with rotating specimen clamp.  
Supports : 2 ea round.  
2 ea fixed with knife edge top.  
Load hanger : 1 ea  
Dial Indicator : 1 required.  
Weights : 1 lot



**Laboratory Instrument India**