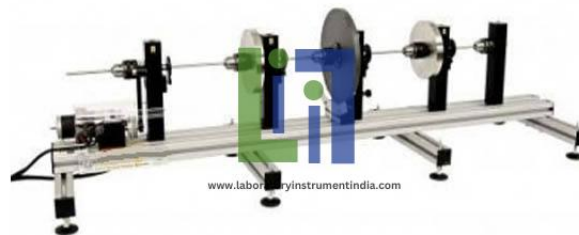




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Torsional Vibration Apparatus

**Product Code :**  
LBNY-0005-18700013



#### **Description :**

The Torsional Vibration Equipment provides a basic range of Torsional Vibration Equipment. Steel and brass rods of two different diameters are included. A wire rod clamped in a wall mounted bracket has a heavy disc attached to the lower end. A solid ring can be located over the disc to increase its inertia. All brackets, clamps and adapters are supplied.

Torsional Vibration Equipment is part of a range designed to both demonstrate and experimentally confirm basic engineering principles. Setting up time is minimal, and all measurements are made with the simplest possible instrumentation, so that the student involvement is purely with the engineering principles being taught. Great care has been given to each item so as to provide wide experimental scope without unduly complicating or compromising the design. Each piece of apparatus is self-contained and compact.

#### **Experimental Capabilities:**

To determine the modulus of rigidity of the wire rod.

To verify the dependence of the periodic time of oscillation of a "shaft" mounted flywheel on the moment of inertia, length of shaft, and shaft diameter.

#### **Technical Specification :**

Comprises a wire rod clamped to a wall mounted bracket, the rod having a solid disc attached to the lower end  
Wall mounted apparatus to verify the dependence of the periodic time of oscillation of a 'shaft' mounted flywheel on the moment of inertia, length of shaft and shaft diameter.

Includes steel and brass rods of two different diameters, complete with all brackets, clamps and adaptors.  
A solid ring is included, able to clamp over the disc to increase its inertia.



**Laboratory Instrument India**