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**Product Name :**  
Bifilar Trifilar Suspension Of Pendulums

**Product Code :**  
LBNY-0005-10100026



**Description :**

The pendulum body oscillates in a plane purely translationally without rotation. In a bifilar suspension, the pendulum body is suspended over two threads. In a trifilar suspension with three threads, the pendulum body is set in a torsional vibration. This kind of pendulum can be considered as a mathematical pendulum. The torsional vibration can be used to determine the moment of inertia by experiment.

**Features:**

Moment of inertia in an experiment on a rotary pendulum.  
Ideal mathematical pendulum can be demonstrated.

**Learning Objectives And Experiments:**

Determine the mass moment of inertia  
Influence of thread length on the oscillation period.

**Technical Specification :**

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**Laboratory Instrument India**

