



Email : sales@laboratoryinstrumentindia.com

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 :

Bifilar Trifilar Suspension Of Pendulums



Laboratory Instrument India

