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Product Name :
Free Vibrations In A Bending Beam

Product Code :
LBNY-0005-1870006



Description :

The bending beam can be used vertically standing or hanging and in the horizontal position in the mounting frame. An oscillator, which is left alone after a single excitation, performs free vibrations. In this, a bending beam is used as the systems oscillator. The frequency of the free vibration is the natural frequency of the oscillator.

Learning Objectives And Experiments:

Determine the natural frequency according to Rayleigh
Free vibration in a vertical and horizontal bending beam
How clamping length and mass affect the natural frequency.

Features:

Approximation method according to Rayleigh.
Natural frequency on the freely vibrating bending beam.

Technical Specification :

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Laboratory Instrument India

