



Email : sales@laboratoryinstrumentindia.com

Product Name :
Experimental Set Free Vibration Of A Bar

Product Code :
LBNY-0005-10100081



Description :

The bending can be mounted vertically (standing or hanging) or horizontally into the frame by varying the free clamping length or moving additional weights, the natural frequency of the bar is changed. The additionally required sensor supply module processes the signal for its display on an oscilloscope (not supplied). The bar is deflected manually to start damped vibrations. A non-contact position sensor measures the corresponding amplitudes.

Technical Specification :

Inductive position sensor to measure oscillation amplitudes
Fixable meter rule
Investigation of the free vibration of a bar
Bar can be mounted to all 4 sides of the frame
Elastic bending bar with movable weight

Technical Data:

Sensor output signal
Analogue voltage level, proportional to position
Bending bar
L x w x h: 635x20x3mm
Material: almgSi0.5F22
Set of weights: 10x100g
Weight: approx. 6 kg.



Laboratory Instrument India