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Product Name :
Linear Vibration Apparatus

Product Code :
LBNY-0005-14000041



Description :

The drive unit consists essentially of an oscillator and a power amplifier designed to provide a sine wave power output suitable for driving the vibration generator. Comprises a drive unit and vibration generator with experimental accessories.

Features:

Demonstration of Hookes Law applied to a spring
Demonstration of Simple Harmonic Motion of a free body
Vibration of a Double Cantilever Beam
Vibration of a Spring Mass System.

Technical Specification :

Experimental Capability:

Spring-MM System Test: A test to verify the mass/ frequency relationship of a vibrating spring-mass system.
Bail Chatter Test : A vibration test illustrating simple harmonic motion theory.
Spring Rate Test: A demonstration of Hookes Law.
Double Cantilever Beam
A determination of the natural frequency of a loaded cantilever.
A determination of the cantilevers natural frequency.

Laboratory Instrument India

