



Email : sales@laboratoryinstrumentindia.com

**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.

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# Laboratory Instrument India

