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Product Name :
Vibration Trainer

Product Code :
LBNY-0005-1870007



Description :

Mechanical vibrations are usually found as an unwanted side effect in many areas of engineering. Examples include vehicle vibrations on uneven roads or engine vibrations. Vibration theory is a particularly challenging area in the field of mechanics.

Learning Objectives And Experiments:

1. Damped and undamped resonance
2. Absorber effect in multi-mass oscillators
3. Experiments with pendulums
 - Reduced pendulum length
 - Spring-mass system
 - Katers pendulum
4. Bar-type oscillator
 - Forced vibration
 - Undamped oscillation
 - Damped oscillation

Features:

Detailed, wide-ranging series of experiments on the mechanical vibration theory
Experiments on various pendulums, bar-type oscillators and spring-mass systems
Damping, resonance and absorber effects in forced vibrations.

Technical Specification :



Laboratory Instrument India