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Product Name :
Universal Vibration Apparatus

Product Code :
SCHOOL-DYM860013



Description :

Universal Vibration Apparatus

Technical Specification :

FEATURES:

Detailed, wide-ranging series of experiments on the mechanical vibration theory

Damping, resonance and absorber effects in forced vibrations

Experiments on various pendulums, bar-type oscillators and spring-mass systems

SPECIFICATION:

Beam, elastic: LxWxH: 700x25x4mm, 0,6kg

Beam, rigid: LxWxH: 700x25x12mm, 1,6kg

Tension-pressure springs :

0,75N/mm

1,5N/mm

3,0N/mm

Imbalance exciter :

0...50Hz

100cmg

Oil damper: 5...15Ns/m

Absorber :

Leaf spring: WxH: 20x1, 5mm

Total mass: approx. 1,1kg

Tunable: 5...50Hz

Drum recorder: 20mm/s, width 100mm

Polar chart recorder: Ø 100mm

Required for operation :

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase

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