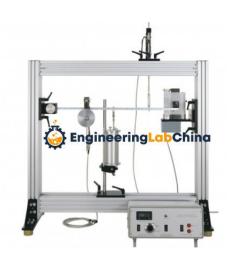


Email: sales@engineeringlabchina.com

Product Name:

Free and Forced Vibration Apparatus

Product Code: CHINAELABC2610004



Description:

Free and Forced Vibration Apparatus

Technical Specification:

FEATURES:

Demonstration of basic fundamentals of mechanical vibration theory

Free vibrations

Damped vibrations

Inertia force and displacement excitation

Forced vibrations

Resonance

Amplitude response and phase response

SPECIFICATION:

Fundamentals of mechanical vibration theory; free, damped and forced

Bar-type oscillator: LxWxH: 700x25x12mm, 1,6kg

Damper constant: 5...15Ns/m, oil-filled

Coil springs:

0,75N/mm

1,5N/mm

3,0N/mm

Exciter:

Frequency: 0...50Hz, electronically controlled

Imbalance of the imbalance exciter: 0...1000mmg

Stroke of the displacement exciter: 20mm

Mechanical drum recorder:

Feed: 20mm/s Paper width: 100mm

Required for operation: 230V, 50Hz, 1 phase

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



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