

Product Name :

Free and Forced Vibration Apparatus

Product Code :

SLE/MCE/76



Description :

Specifications:

- The excitation frequency is set and displayed on a control unit.
- An oil hydraulic damper allows damped vibrations with adjustable damping level.
- A mechanical drum recorder offers the option of recording the vibrations.
- The measured values can be displayed and analyzed on a PC using
- Fundamentals of mechanical vibration theory; free, damped and forced
- **Bar-type oscillator: LxWxH:** 700x25x12mm, 1,6kg

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
- **Damper constant:** 5...15Ns/m, oil-filled
- **Feed:** 20mm/s
- **Paper width:** 100mm
- **Dimension:** 1200 x 600 x 1400 mm
- **Weight:** 125kg optional unit for data acquisition.

Power Supply:

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase

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