



TRANSVERSE VIBRATIONS

RD 087

Description:

In many engineering cases due to the asymmetric forces along the beam, transverse or lateral vibration will occur. This phenomenon is not desirable at all and must be investigated and omitted or mitigated. Therefore familiarizing with its sources and effective parameters on dynamic response plays an essential role in designing or other engineering branches. RD 087 is a vibrational system that contains rectangular cross section beam with pinned supports, various movable weights and electro motors with adjustable speed.

Specifications:

- Unbalanced mass
- Various movable weights
- Electro motor with adjustable frequency
- Electrical control panel with displays and switches
- Rotational speed sensor
- Movable unbalanced mass
- Aluminum frame
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating of transverse vibration of a beam
2. Familiarizing with Dankerley's law
3. Obtaining natural frequency of the beam

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 1800×700×1500

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