

DEFORMATION OF FRAMES

RS 039

Description:

This device makes it possible to examine the elastic deformation in various kinds of frames. This unit is consisted of a metal chassis on which frames, props, holders and other parts can be mounted. Various weight frame have been installed at different points for loading, and the desired load can be applied by putting weights on them. Also, dial gauges are utilized to measure the displacement of the roller prop and the deflection of the frame at different points.

Specifications:

- Loading using weights and weight hanger
- Various frames with different shapes
- Indicator to display the load exerted on the frames
- Dial Gauges
- Props and holders
- Aluminum 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 the principle of superposition and virtual working method
2. Determining the frame deflection and its support reaction
3. Investigating the relation between the deformation of the frame and the applied loads

Required For Operation:

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



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Dimensions (L*W*H) mm:1000 x 400 x 1000

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