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Product Name :
Whirling Of Shafts Unit

Product Code :
LBNY-0005-13000035



Description :

Both end fixed,
One end free and one end fixed etc. A variable speed motor is provided to drive the shaft along with speed control unit as the test is destructive, hence the shaft cannot be used again.
The set-up consists of a sturdy M.S. frame, variable speed motor bearing holders etc. The set up is designed to study the whirling of shafts. Different bearing can be fitted in bearing block to have different end conditions i.e.

Technical Specification :

Experiments:

Display of various modes of whirl for a shaft with:
One ends fixed and other free
Both ends directionally free.
Both ends directionally fixed.
Modes of vibrations can be studied and frequency can be measured in each case.

Utilities Required:

Electric supply of 230V, AC
Floor area of 2m x 0.5 m.

Laboratory Instrument India

