



Email : sales@laboratoryinstrumentindia.com

Product Name :
Vibrations In Fans Kit

Product Code :
LBNY-0005-10100029



Description :

The vibrations are induced by inhomogeneous flow fields. The accessory set induces the vibrations magnetically. Three fan rotors with differing numbers of blades can be investigated. Vibration measurements on fans and blowers play a major role in field monitoring operations. In addition to the usual signals caused by bearings and imbalance, the vibrations induced by the fan blades can be measured. A guard plate covers the rotating fans. Just as in actual practice, the fan model can also be driven directly via a flexible coupling or by the belt drive. An obliquely-mounted inertia disk is used to investigate the gyroscopic effect.

Technical Specification :

Investigation of the vibrations of fans
Magnetic induction of blade forces
Obliquely-mounted inertia disk to investigate gyroscopic effects
Model of an axial fan with blades
Gap between magnet and blades adjustable
Stackable storage box for all components
3 Fan rotors with different numbers of blades
Guard disk for fan rotors

Technical Data:

Sheet-steel fan rotor
3 Blades
5 Blades
7 Blades

Max. Speed: 3000min-1

Diameter: 204mm

Disk

Aluminium

D=220mm

Dimensions and Weight of Vibrations in Fans Kit

l x w x h: 400x300x320mm (box)

Weight: approx. 6kg.



Laboratory Instrument India