



Email : sales@laboratoryinstrumentindia.com

Product Name :
Frictional Vibrations

Product Code :
LBNY-0005-1870005



Description :

Friction is the resistance of a body against movement on a base. Self-excited friction oscillations, also known as slipstick phenomenon, occur if the static friction is significantly higher than the dynamic friction. Static friction means that a body remains at rest under the action of a force. If a limit value is exceeded, the body begins to move on the base, resulting in dynamic friction.

Learning Objectives And Experiments:

Observation of the transition from static to dynamic friction

Together with the drive unit

Influence of the relative velocity of the friction partners on the slipstick phenomenon

Influence of the force between the friction partners on the slipstick phenomenon

Influence of lubrication on slipstick phenomenon.

Features;

Friction rings of different materials for the study of different friction pairings

Slip Stick phenomenon at the transition from static to dynamic friction.

Technical Specification :

Frictional Vibrations

Laboratory Instrument India

