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Product Name :
Slotted Link Apparatus

Product Code :
LBNY-0005-10100079



Description :

An anodised aluminium disc used as crank is mounted on ball bearings on a white plate. This disc has a pointer so that the input angle can be exactly read on the integrated angle measuring scale. The crank pin can be set at different radii on the disc. The experimental unit is used to generate and investigate pure harmonic reciprocating motion. The slider crank is attached to the crank pin on one side. The model is equipped with plastic feet and is placed on the laboratory table for the experiment. Two handles make the unit easier to carry. On the other side the pin is mounted in straight guide that is fitted with a ruler to allow the output stroke to be read off with precision.

Technical Specification :

Aluminium crank disc, anodised, 3 different crank radii
Anodised slider crank with 3 different output strokes
Experimental unit on harmonic reciprocating motion
Integrated angle measuring scale and ruler

Technical data:

Output stroke
50mm
75mm
100mm
Crank radius
25mm
37,5mm

50mm

Dimensions and weight:

Lxwxh: 360x280x60mm

Weight: approx. 3kg.



Laboratory Instrument India