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Product Name :
Drag Coefficients For Spheres

Product Code :
LBNY-0005-103000100



Description :

A ball sinks to the bottom under the action of gravity. The sink time and distance are measured. Included with the unit are a stopwatch and 10 spheres of different materials and volumes. At the bottom of the measuring tube is a chamber through which the balls can be removed without major loss of fluid. Two Plexiglass cylinders are provided for performing the experiment, these are filled with fluids of varying viscosity.

Technical Specification :

2 Plexiglass tubes as measuring sections, sink heights marked with O-rings, with chamber for easy removal of the measuring Objects
10 balls of different materials and volumes
Experimental set-up for determining the vertical descend of a body in a flow
Stopwatch included

Technical Data:

Sink height: 1000mm
Plexiglass cylinder 1330mm, od 100mm , approx. 8Ltr
Balls
D=5mm: aluminium, POM, nylon
D=10mm: aluminium, POM, nylon
Dimensions and Weight:
l x w x h : 720 x 640 x 1650 mm
Weight: 45 kg.



Laboratory Instrument India