# School Educational Instrumentss

## Description

### Falling Sphere Viscosimeter

The drag coefficient of spheres given the viscosity of the liquid. The viscosity of liquids placed in the transparent tubes by measurement of the terminal velocities of spheres in free fall in the liquids. Drag coefficients for various geometric shapes, to be produced by the students. By measuring the falling speed of a spherical ball in a vertical tube filled with the fluid to study, it is possible to deduce kinematic viscosity. Indeed, during the phase of the uniform rectilinear motion, the various forces which apply to the ball ; gravity, the pressure of Archimède and the force of trail related to viscous friction, are in balance.

### Technical Specifications:-

- 2 tubes in Altuglas (H = 1300 mm, F = 94 mm), lit by a neon tube.
- A support panel to position on a wall.
- 2 vats and 2 valves for recovery of the balls and draining of tubes.
- 1 set of balls of various diameters and materials (stainless steel, aluminium, plastic)..

- 1 stop watch.

**Dimensions and weight**

- Net weight : 18 kg.
- 1500 X 450 X 200 mm.

We are leading manufacturers, suppliers of Falling Sphere Viscosimeter for Electronics Engineering Lab Equipments. Contact us to get high quality Falling Sphere Viscosimeter for Electronics Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

School Educational Instruments,
Hargolal Road, Ambala Cantt, Haryana
India
Direct Contact Details
+91-8569909696 sales@schooleducationalinstrument.com
www.schooleducationalinstrument.com