

**Product Name :**  
Particle Drag Coefficient**Product Code :**  
ALABS-A104-538**Description :****Particle Drag Coefficient**

- Compact, wall mounted apparatus to study the behaviour of particles and shapes within fluids.
- Two transparent vertical glass tubes, back lit by a fluorescent lamp for ease of viewing.
- Tube sizes 93mm inside diameter by 1.5m long, with calibration marks for timing.
- Guide to aid the insertion of particles at the top of the tubes.
- Sliding valves to aid the removal of particles from the bottom of the tubes.
- The equipment is supplied with sets of spheres of different sizes and materials, plus two streamlined shapes.

**Description:**

The equipment consists of two precision glass tubes 1.5m long and 93mm inside diameter fixed vertically on a wall mounted backboard. A guide is provided at the top of each tube to facilitate the introduction of particles with the minimum of disturbance

to the liquid. A sliding valve device at the bottom of each tube allows the particles to be removed with minimum loss of liquid.

Observation of the particle movement is aided by a shielded fluorescent light mounted on the backboard between the glass tubes, marks on the tubes enable the rate of fall to be timed. In addition to the range of spheres, two streamlined shaped objects are supplied to allow comparison to be made between their drag coefficients and those of the spheres



## Equipments Exporters

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