



This equipment has been designed for the determination of the viscosity of several liquids, and the study and verification of the resistance coefficients of various geometric shapes.

HIGHLIGHTS

- Versatile equipment that can be used for the study of fluid properties and resistance coefficients of particles.
- Autonomous equipment which requires only one electrical outlet.

FL 14.1 - VISCOSITY AND RESISTANTE COEFFICIENT DETERMINATION

LEARNING OBJECTIVES

- Determination of the viscosity of liquids.
- Measurement of the coefficients of resistance of spheres against the number of Reynolds.
- Determination of the coefficients of resistance of different bodies.
- Determination of the coefficients of resistance of different geometric forms.

TECHNICAL DATA

TUBES

- Tube $\varnothing = 100$ mm. ; Length 1.350 mm.
- Length between marks 1.000 mm.

SPHERES

STEEL

- $\varnothing 3$ mm
- $\varnothing 4$ mm
- $\varnothing 5$ mm
- $\varnothing 6$ mm
- $\varnothing 7$ mm
- $\varnothing 8$ mm
- $\varnothing 9$ mm
- $\varnothing 10$ mm

POLYAMIDE

- $\varnothing 3.96$ mm
- $\varnothing 5$ mm
- $\varnothing 6$ mm
- $\varnothing 7.14$ mm
- $\varnothing 9$ mm
- $\varnothing 9.52$ mm

REQUIREMENTS

- Power supply: 230V/50Hz.