



Equipment designed for the study of the properties of fluids. A wide range of experiments and experiences can be realized, some of which are listed below:

- Measurement of densities using densimeters.
- Measurement of densities using a pycnometer.
- Study and demonstration of the capillarity in tubes.
- Study and demonstration of capillarity between plates.
- Determination of viscosity.
- Measurement of atmospheric pressure using an anaerobic barometer.
- Law of Archimedes.

LEARNING OBJECTIVES

- Measurement of densities using densimeters.
- Measurement of densities using a pycnometer.
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- Study and demonstration of capillarity between plates.
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TECHNICAL DATA

- Aluminum structure with phenolic resin panels.

Densimeters:

- Densimeter 0,600 - 0,700 with scale of 0,001 g/ml.
- Densimeter 0,650 - 1,000 with scale of 0,005 g/ml.
- Densimeter 1,000-2,000 with scale of 0,01 g/ml.
- Termometer -10 +60°C
- Precision electronic balance 500grx0,1gr
- Gay-Lussac Picnometer, 50ml
- Glass vase 600ml
- Glass test tubes 1l
- Tube for ball drop Øint=32 mm L=450mm (x2)

Steel spheres:

- Ø1,58 (1/16)
- Ø2
- Ø3
- Ø3,175 (3/32)
- Plastic test tubes 250ml
- Dynamometer 1Kg x 5gr