



HYDROSTATIC BENCH



DL DKL013

This bench is suitable for the study of the main characteristics and properties of fluids.

PERFORMABLE EXPERIMENTS

- Density measures
- Pascal law demonstration
- Study and demonstration of capillarity principle
- Viscosity determination experiment
- Pressure measures
- Manometer calibration
- Archimedes principle
- Buoyant stability force
- Pressure, potential and kinetic force
- Pressure on submersed objects
- Meta-central height

TECHNICAL DATA

Tank:

- Storage capacity: 50 liters.

Densities:

- Volume pycnometer: 50ml.

Densimeters:

- From 700 to 800
- From 800 to 900
- From 900 to 1000
- From 1000 to 1100
- From 1100 to 1200
- From 1200 to 1300
- From 1300 to 1400
- From 1400 to 1500
- From 1500 to 1600



FLUID MECHANICS



Capillarity:

- Glass tubes:
- Inner diameter: 1.2mm
- Outer diameter: 2.3mm

Manometer:

- Barometer.
- 600mm water column
- 600mm mercury column (mercury not included)
- 1,000mm mercury column. Absolute pressure (mercury not included)
- Adjustable lean angles: 15, 30, 45 & 90°

Extras:

- Electronic weight scale
- Falling ball viscometer:
 - Ø4 mm
 - Ø5 mm
 - Ø7 mm
 - Ø8 mm

Equipment dimensions:

1715 x 1900 x 800 mm