

**Product Name :**  
Fluid Properties & Hydrostatics Bench**Product Code :**  
ALABS-A104-548**Description :****Fluid Properties & Hydrostatics Bench**

- A self-contained and mobile unit for demonstration of the properties of fluids and hydrostatics.
- The equipment is mounted on a steel-framed bench fitted with castors.
- The bench top incorporates a recessed plastic sink.
- A variety of measuring devices is incorporated in the unit including a universal hydrometer, range 0.70 to 2.00; falling sphere viscometer; hook and point gauge; hydrostatic pressure apparatus; Pascal's apparatus; double scale lever balance with displacement vessel; bucket and cylinder; metacentric height apparatus; direct reading barometer range 585 to 790mm; dial pressure gauge range 0 to 200 kN/m<sup>2</sup> (kPa); dead weight pressure gauge calibrator with weights; thermometer range -10°C to +50°C.
- These devices allow a full range of 16 experiments to be carried out, demonstrating the properties of fluids, the effects of static pressure, the operation and application of pressure gauges and manometers and the investigation of the stability of floating bodies.

- A comprehensive manual is included describing how the experiments are performed as well as how to commission the equipment.

#### **Technical Details:**

- Universal hydrometer: range 0.70 to 2.00 sub-divided in 0.01 intervals
- Falling sphere viscometer: 40mm tube diameter
- Hydrostatic pressure apparatus: comprises counter-balanced precision quadrant pivotted on knife edges at its centre of arc
- Direct reading barometer: with compensated silvered metal scale range 585 to 790mm subdivided in 1mm intervals includes thermometer
- 100mm dial pressure gauge: range 0 to 200 kN/m<sup>2</sup> (kPa) and equivalent head of water in metres
- Dead weight pressure gauge calibrator: with 2 x .5 kg, 1kg and 2.5kg weights
- Lever balance: 178mm diameter pan, hook for use in buoyancy experiments, anti-parallax cursor, double scale 0 to 0.25kg and 0 to 1.00kg
- Thermometer: range -10°C to +50°C



## **Equipments Exporters**

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