

**Product Name :**  
Fluid Properties and Hydrostatics Bench**Product Code :**  
EEMECH45M0055ALTEC™**Description :**

Fluid Properties and Hydrostatics Bench

**Technical Specification :**

- A pipe section and various pressure measuring devices are fitted to a laboratory trolley with a demonstration panel, working area and cabinet.
- Various measuring containers are integrated into the pipe section.
- The sealed water circuit and pump with supply tank permit experiments to be performed independent of a mains water connection.
- Experimental apparatus are included in the cabinet, e.g. a device for determining the center of pressure of a column of water.
- This enables the pressure on a weir to be determined, amongst other aspects.
- Submersible pump: 0.22kW
- Volumetric flow rate: 95Ltr/min
- Head: 12.5m
- U-Tube manometer: 0..500mmWC

- Two hydrometer jars: 450 x 50 mm.
- Hg U-tube manometer: 270..0..270mbar
- Aneroid barometer, range: 973 – 1047 mbar.
- Thermometer with a range between: -10 and 50oC.
- Pycnometer : 50 ml.
- Dimension: 1000-x800 x 1400 mm
- Weight: 120kg
- Archimedes module: displacement vessel, bucket and cylinder.
- Capillary tubes module with tubes of different size: 5 mm, 4 mm, 3 mm, 2.2 mm, 1.7 mm and 1.2 mm.
- Two falling sphere viscometer tubes: 300 x 40 mm, with marks at 0, 25, 175, 200 and 220.
- Set of stainless steel balls of different sizes: 3.175 mm, 2.381 mm and 1.588 mm
- Parallel plates capillary module.
- Variable scale lever balance to be used with the Archimedes module, up to 310 gr.



## Equipments Exporters

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