



Key Features

- This apparatus consists of a vertical panel that holds a clear plastic quadrant, to which students add water.
- The quadrant has laser engraved lines to help students keep the plane in a vertical or angled position.
- The cylindrical sides of the quadrant have their central axis coincidental with the moment measurement axis.
- The total fluid pressures on these curved surfaces therefore exert no moment about this pivot.
- Therefore, the moment is only due to the fluid pressure on the plane test surface.
- Students measure this moment using weights suspended from a level arm.
- A scale on the panel of the apparatus shows the head of water.
- Simple construction, Easy to operate and understand, Clear Transparent PMMA Construction.
- Stand-alone apparatus just needs clean water.
- Investigation of the hydrostatic pressure in fluids at rest.
- Tilt able water tank with fill level scale, Lever arm with different weights.
- Anti-corrosion structure, have built-in bubble level, Have adjustable levelling feet.

Technical Specifications

- Water tank: Transparent PMMA
- Inclination angle: 0° to 90°
- Content: 0 to 1.8L
- Scale: 0 to 230mm
- Effective area, max. 75x100mm
- LxWxH: 500x450x450 mm
- Weight: approx. 10kg

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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