



Technical Specifications

Application/Test Facility

The Centre of Pressure Apparatus is designed to determine the static thrust exerted by a fluid on a submerged or partially submerged surface. It enables the comparison of the measured magnitude and position of this force with theoretical calculations, providing a practical understanding of hydrostatic principles.

Product Features

- **Tank Capacity:** 5 litres.
- **Distance Between Suspended Mass and Fulcrum:** Minimum 270 mm.
- **Quadrant Cross-Sectional Area:** Maximum $100 \times 100 \text{ mm}^2$.
- **Submerged Quadrant Depth:** 150 to 170 mm.
- **Height of Support Point on Quadrant:** Minimum 100 mm.
- **Drainage:** Integrated water drain system at the bottom.
- **Weights:** Set of standard masses (at least 8 of 50 g and 5 of 20 g).
- **Construction:** Durable, corrosion-resistant materials.

Accessories/Spares

- Spare quadrant of identical dimensions.
- Additional weight set (at least $8 \times 50 \text{ g}$ and $5 \times 20 \text{ g}$).

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



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