Product name:	Product code:
Centre Of Pressure Apparatus	Machine0001



Description

Centre Of Pressure Apparatus

Technical specification

- Scale graduated to 200 mm below, and to 40 mm above the horizontal axis in intervals of 2 mm.
- Balance arm radius: 203 mm.
- The unit is supplied complete with base, weight carriers and one set of weights, and with a technical bulletin providing typical test results.

Dimensions and weight

- 430 x 150 x 330 mm.
- Net weight : 5,9 kg.

Centre Of Pressure Apparatus

The water is contained in a plexiglass quadrant whose geometrical curved side axes coincide with a measuring beam. The moment is determined by adding or removing weights to the arm. The head of water is read directly on the transparent scale to which it is fixed.

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Teaching objectives

- Measurements of the centre of pressure of a vertical plane surface at different depths.
- Study of the general case of a plane surface inclined at different angles, and at different depths.

Technical specifications

- Quadrant: inner radius: 100 mm – outer radius: 200 mm – width: 75 mm.
- One face graduated between 0 and 30°.
- Fixed scale.
- Indicates horizontal and vertical beam position.