

Product Name :
Centre of Pressure Apparatus

Product Code :
NLAB-TECHNICALAB30006



Description :

Centre of Pressure Apparatus

Technical Specification :

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 within 2 mm.

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.

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.

Naugralabequipments

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