

Product Name :

Hydrostatic Pressure Apparatus

Product Code :

SLE/MCE/39



Description :

Description:

- Determination of the center of pressures with an angle of 90° , partially submerged.
- Determination of the resultant force with an angle of 90° , partially submerged.
- Determination of the resultant force with an angle of 90° totally submerged.
- Determination of the center of pressures, angle $<90^\circ$ totally submerged.
- Determination of the equivalent force with an angle $<90^\circ$ partially submerged.
- Determination of the center of pressures with an angle of 90° totally submerged.
- Determination of the center of pressures, angle $<90^\circ$ partially submerged.
- Determination of the resultant force, angle $<90^\circ$ totally submerged.
- Balance of momentum.
- The swinging arm is fitted with a tray and an adjustable counter balance.
- The tank has adjustable supporting legs for leveling.
- A graduated scale indicates the level reached by the water inside the tank.
- This assembly is mounted on top of an acrylic tank, which may be leveled by adjusting screwed feet.
- Correct alignment is indicated on a circular spirit level mounted on the base of the tank.

Specification:

- **Tank capacity:** 5.5 ltr.
- **Area of the section:** 0.007 m².
- **Total depth of the submerged quadrant:** 160 mm.
- **Height of the support point on the quadrant:** 100 mm.
- **Distance between the suspended masses and the support point:** 285 mm.
- **Dimensions:** 600-x400 x 400 mm
- **Weight:** 30kg

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