

Product Name :
Basic Metacentric Height**Product Code :**
ALABS-A43-061**Description :****Basic Metacentric Height**

- Rectangular floating pontoon with mast
- Variable centre of gravity via movable weights (transverse and vertical)
- Clinometer indicates angle of heel
- Educational software available as an option.

Description:

On this item the position of the metacentre can be varied to produce stable and unstable equilibrium. The equipment consists of a plastic rectangular floating pontoon, the centre of gravity of which can be varied by an adjustable weight, which slides and can be clamped in any position on a vertical mast.

A single plumb-bob is suspended from the mast, which indicates the angle of heel on a calibrated scale. A weight

with lateral adjustment enables the degree of heel to be varied and hence the stability of the pontoon determined.

The equipment does not require a separate water tank as it may be used on the hydraulics bench by filling the volumetric tank.

Technical Details:

Name

Max. angle of heel:

Corresponding linear dimension:

Length of dimensions:

width 200mm

overall height 475mm



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