

HB 100 HYDRAULICS BENCH ACCESSORIES

Most of the apparatus below are to be used with HB100 Hydraulics Bench (separately supplied) for a water supply and flow measurement. Learning software is available for most experiments.

HB 012 HYDROSTATIC PRESSURE

DESCRIPTION:

This equipment allows the moment caused by a fluid thrust on a wholly or partially submerged plane surface to be measured directly.

A quadrant is mounted on a balance arm pivoted on knife edges which coincide with the quadrant center. When the quadrant immerses in water, there are hydrostatic forces. The balance arm has an adjustable counter balance and weights with a hanger. The quadrant is mounted on top of a clear acrylic tank which allows water to be admitted and drained to a required level by a valve. The tank rests on adjustable footings and a bull's eye level is provided.

TECHNICAL DATA:

- Quadrant Inner radius : 100 mm
- Outer radius : 200 mm
- Width : 75 mm
- Weights : 1 lot.

Net (unpacked) shipping dimensions WxLxH : 36 x 46 x 35 cm
Net weight : Approx. 5.5 kg

