

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 020 IMPACT OF A JET

DESCRIPTION :

This equipment provides measurement of force developed by a water jet on different stationary targets. It is to be used with HB100 Hydraulics Bench (separately supplied)

The equipment consists of a removable clear acrylic cylinder. Water is supplied through a tube at the bottom of the cylinder and discharged vertically through a nozzle onto a target plate. Each plate maintains the same working distance from the nozzle. A clear acrylic guard is provided to prevent water jet from splashing on the target. Force on the plate pushes its stem upward. Dead weight is then applied on the stem to counter balance the force exerted by the water jet. This balance is indicated by a pointer on a steel rod next to the weight. The apparatus rests on adjustable footings and a bull's eye level is provided.

TECHNICAL DATA :

- Target plates : Flat, 120° inward cone, 180° hemisphere, 120° outward cone.
- Weights : 1 lot.

OPTIONAL: : HB 020-001 Impact force is balanced by jockey weight on 240 mm lever which is hinged on one end instead of weights on the stem.

Net (unpacked) shipping dimensions WxLxH : 36 x 35 x 76 cm

Net weight : Approx. 8 kg

