

HB 100 HYDRAULICS BENCH



GENERAL DESCRIPTION

This is a basic unit which provides water supply and volumetric measurement services for use in conjunction with accessories (separately supplied) for specific experiments.

The bench top is molded into a measuring tank and a channel. Water is admitted at one end of the channel via a female quick coupling for connection to an accessory which is mounted across the channel. The accessory discharges water into the open channel which in turn discharges water into the measuring tank. The tank discharges water to a main storage tank. Both bench top and storage tank are made of fiber glass. The measuring tank is stepped to enable accurate measurement of both high and low flow rates. A level gauge at the side of the bench measures volume in the measuring tank. A bull's eye level is provided to indicate the bench is level. The unit is on a steel frame on wheels.

TECHNICAL DATA

- Pump : 0.37 kW.
- Bench top dimensions : 126 cm long x 77 cm wide.
- Open channel section : 25 cm wide x 17 cm deep.
- Measuring tank : Low flow 10 l, high flow 45 l.
- Main storage tank : 165 l.
- Accessories : Stop watch and outlet hose with fittings for connection to accessory.
- Power supply : 220 V, 1 Ph, 50 Hz. Other power supply is available on request.

Net (unpacked) shipping dimensions WxLxH : 78 x 126 x 95 cm.
Net weight : Approx. 70 kg.