

HB 100N HYDRAULICS BENCH, Neo



GENERAL DESCRIPTION

This is a new basic unit for providing water supply and flow rate measurement to the bench accessories for specific experiments (separately supply).

The bench top is flat fiber glass with edge and open channel. The accessory for the experiment is placed across the channel and discharges water via a drain pipe to the storage tank which has a drain valve. A pump draws water from the storage tank and supplies to the quick coupling outlet at the top. A lid for the drain pipe is provided to trap water in the channel for some experiment. The unit is on a steel frame on wheels.

TECHNICAL DATA

- Pump : 0.37 kW centrifugal pump with a maximum flow rate approximately 80 lpm.
- Bench top dimensions : Approx. 126 cm long × 78 cm wide.
- Open channel : Approx. 115 cm long × 25 cm wide × 17 cm deep.
- Storage tank : Approx. 180 l.
- Flow measurement : Flow sensor with digital display
- Accessory : Outlet hose with fittings for connection to accessory.
- Power supply : 220 V, 1 Ph, 50 Hz. Other power supply is available on request.

OPTIONAL EQUIPMENT

- HB 003A Variable speed pump with a control panel instead of fixed speed pump.
- HB 007A 0.37 kW submersible pump with flow rate over 150 lpm instead of centrifugal pump.
- Stainless steel pump can be supplied on request.
- HP 002 Pressure gauge at pump discharge for a study of pump performance.
- Water meter and stop watch.
- HP 011 Pressure sensor at pump discharge with common digital display.
- Fiber glass storage tank instead of PE.

Net (unpacked) shipping dimensions WxLxH
Net weight

: 78 x 126 x 95 cm.
: Approx. 70 kg.