

## HB 100N HYDRAULICS BENCH, Neo



### GENERAL DESCRIPTION

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

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.

Instruction manual is also included.

### TECHNICAL DATA

- Pump : 0.37 kW.
- Bench top dimensions : Approx. 126 cm long × 78 cm wide
- Open channel : Approx. 25 cm wide × 17 cm deep
- Storage tank : Approx. 180 L.
- Half union at outlet pipe for connection to external pump.
- Flow measurement : Flow 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 100N-001A Water meter and stop watch instead of flow digital display.
- HB 003A Variable speed pump with a control panel instead of fixed speed pump.
- HB 007A 0.37 kW submersible pump instead of standard centrifugal pump.
- HP 002 Pressure gauge at bench pump discharge
- HP 011 Pressure digital display at bench pump discharge
- Other optional equipment, please contact manufacturer (essom@essom.com)

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