

## ***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 030 M SERIES AND PARALLEL PUMP, Multi Speeds***

#### **DESCRIPTION:**

This equipment is designed to study head vs flow rate characteristics of two pumps connected in series or parallel. It is to be used with HB100 Hydraulics Bench (separately supplied)

It consists of two identical pumps with 3 different speeds, inter connecting pipings, and control valves. Both pumps are interconnected and mounted on a support next to the Hydraulic Bench which acts a service module i.e. water supply and flow measurement. By manipulating flow control valves, the two pumps can be operated individually, or both pumps in series or in parallel. Pressure gauges are installed at pump suction and discharge. The apparatus is equipped with suction hoses and strainers and a discharge hose.

#### **TECHNICAL DATA:**

- Pump ratings : Speeds: 3 different speeds.  
Maximum flow: up to 70 lpm  
Maximum head: up to 7 m. water
- Pressure gauges : 4 ea.
- Power supply : 220 V, 1 Ph, 50 Hz.

**Net (unpacked) shipping dimensions WxLxH** : 45 x 65 x 65 cm

**Net weight** : Approx. 28 kg

