

OSC 77FD100HBG Hydraulics Bench, Gravimetric

<Features>

- This is a basic unit which provides water supply and gravimetric measurement services for use in conjunction with other accessories for specific experiments
- The bench top is flat with a raised edge to hold spilled water and has water outlet connection, water discharge tube as well as 4 drain holes
- A measuring tank is hang on a cantilever beam on knife edges
- An adjustable tare weight and known weights are provided
- When the water in the measuring tank exceed the set weight, the beam will tilt
- Weight is then removed and the tank is automatically drained to main storage tank
- The bench top and storage tank are made from fiber glass
- The bench discharge has a quick coupling female for connection to these apparatus
- The unit is locable wheels



<Specifications>

Model	OSC 77FD 100HBG
Pump	0.37kW centrifugal pump with a maximum flow rate over 80Lpm and a maximum head over 18m water
Bench top dimension	1360mm long x 770mm wide
Measuring weight	Over 45kg
Load hanger and equivalent weight for	9 x 5 kg
Main storage tank	165L
Power supply	220V, 1Ph, 50Hz. Other power supply is available on request
Size (WxLxH)	Approx. 800 x 1360 x 1050mm
Weight	Approx. 117kg

<Optional Accessories>

001HB	Bench leveling screws
003HB	Variable speed pump with a control panel instead of fixed speed pump
007HB	0.37kW submersible pump with flow rate over 150Lpm instead of centrifugal pump
011HF	Variable area flow meter, upto 75Lpm to facilitate the experiments

*Larger pump and other accessories can be supplied on request.