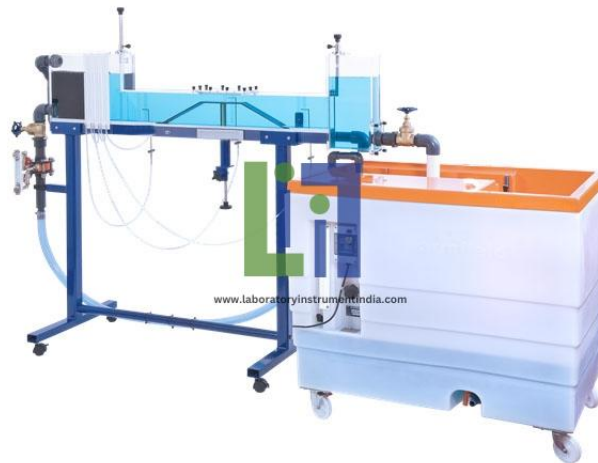




Email : sales@laboratoryinstrumentindia.com

Product Name :
Hydraulic Flow Demonstrator

Product Code :
LBNY-0005-103000300



Description :

A floor standing flow channel for use with an Hydraulics Bench
Can be configured to demonstrate flow in open channels and closed conduits
Section of bed can be elevated continuously and locked at the required height
Working section 77mm wide, 150mm high and 1100mm long
Discharge tank incorporates flow control valve for convenience in setting up
Clear acrylic sides for good visibility of flow patterns created
Stilling arrangement at inlet to promote smooth flow into the working section
Total and static heads indicated on multi-tube manometer connected to Pitot tubes and static tapings at three locations in working section
Models of hydraulic structures supplied include Undershot Weir (Sluice gate) at the inlet, Overshot Weir at the outlet, Sharp Crested Weir, Broad Crested Weir (also used to create a Culvert) and Ogee Weir
Pitot tubes mounted through bed of channel for ease of priming and height adjustment (can be traversed from floor to roof to measure velocity profile)
Optional direct reading flowmeter to aid setting up of demonstrations
Comprehensive instruction manual supplied
Transparent scales allow measurement of all important heights and levels
Suitable for project work with alternative hydraulic structures (user created).

Technical Specification :

Hydraulic Flow Demonstrator



Laboratory Instrument India