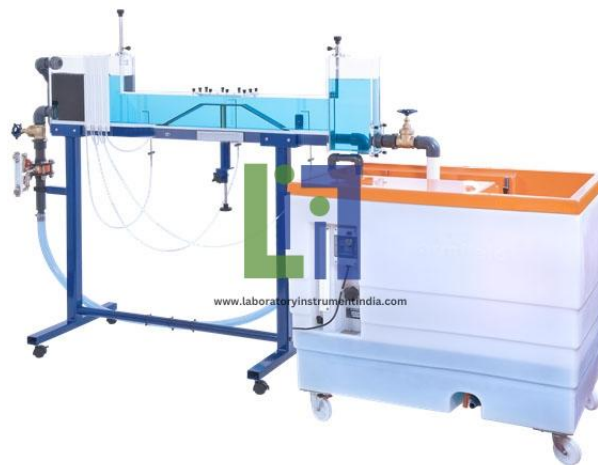




Email : sales@laboratoryinstrumentindia.com

**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**