

HYD-020 **NOTCH APPARATUS**



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

1. To Observe the flow over the notch
2. To calculate the coefficient of discharge for different notches.

TECHNICAL DESCRIPTION :

The experimental unit consist of an open channel of suitable length fixed with screens for steady flow of water. different types of notches can be fixed to the open channel. A depth gauge is fixed over the open channel for measurement of head over the notches. a water sump tank with self-primingmonoblock centrifugal pump. The flow of water can be controlled by a valve.. A measuring tank is provided for measurement of discharge of water through the Section.This system is complete closed circuit type and easy to move due to wheels.

This system is complete closed circuit type and easy to move due to wheels.

DIMENSIONS AND WEIGHT :

Size :1.2 m.(L)x 0.7 m(W) X 1.5m (H)

Weight :Approx. 60 Kg

SERVICE REQUIRED :

Power Supply : 230v, AC ,Single Phase , 50HZ

Water :100 ltr

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual