

## HYD-002 REYNOLDS APPARATUS



### **RANGE OF EXPERIMENTS TO BE CARRIED OUT:**

1. To Calculate the Reynold No
2. To observe and study the type of flow( Laminar ,Transient , Turbulent ).

### **TECHNICAL DESCRIPTION :**

The experimental setup consist of a tank containing water & small tank containing dye. The water supply tank is fitted with horizontal transparent glass tube with flow control valve. A syringe with flexible tube from dye supply tank , fixed in the glass tube. By adjusting the flow control valve of the glass tube , types of flow can be observed.This system is complete closed circuit type and easy to move due to wheels.

### **DIMENSIONS AND WEIGHT :**

Size :1.2 m.(L)x 0.5 m(W) X 1.7m ( H )

Weight :Approx. 45 Kg

### **SERVICE REQUIRED :**

Water : 70 ltr

### **SCOPE OF DELIVERY:**

1. Experimental Setup
2. Instructional Manual

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