

Reynolds Apparatus



Product Categories: [Engineering Equipment](#), [Hydraulic Lab](#)

Product Page: <https://www.labappara.com/product/reynolds-apparatus/>

Product Description

Reynolds Apparatus

DESCRIPTION:-

The Set-up is designed to verify Reynold's Apparatus experimentally. The Apparatus consists of a glass tube which one end having bell mouth entrance connected to a water tank. At the other end of the glass tube a cock is provided to vary the rate of flow. Flow rate of water can be measured with the help of Measuring Cylinder and Stop Watch, supplied with the set-up. A capillary tube is introduced centrally in the bell mouth. To this tube dye is fed from a small container, placed at the top of Constant head Tank, through polythene tubing.

TECHNICAL SPECIFICATION: -

Tube : Material Borosilicate Glass

Dye Vessel : Material SS, Suitable Capacity

Capillary Tube : Material Copper/Stainless Steel

Constant Head Water Tank : Capacity 40 Liters.

Water Circulation : FHP Pump

Flow Measurement : Using Measuring Cylinder

Sump Tank : Capacity 60 Liters.

Stop Watch : Electronic

Control Panel Comprises of : Standard make, On/Off Switch, Mains Indicator, etc.

The Whole set-up is well designed and arranged in a good quality painted structure.