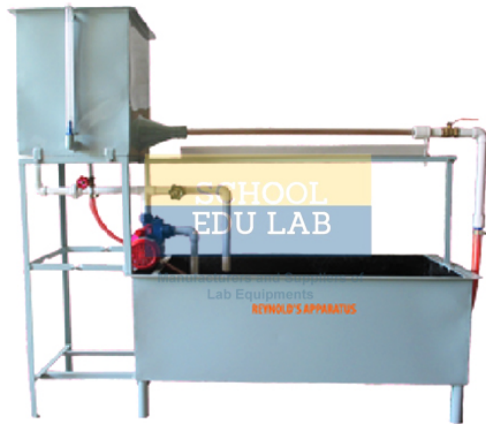




Product Code . SEL-FMM-11050

Reynolds Apparatus

Description

Reynolds Apparatus

The entry of water in Perspex tube is through elliptical bell mouth to have smooth flow at the entry. A regulating valve is provided on the downstream side of the tube to regulate the flow. A collecting tank is used to find the actual discharge through the Perspex tube. The discharge must be varied very gradually from a smaller to larger value.

Apparatus consist of storage cum supply tank, which has the provision for supplying coloured dye through jet. A Perspex tube is provided to visualize the different flow condition.

Specification:-

- Flow control valve to change Discharge.
- Transparent pizometer tubes with scale to measure head.
- Acrylic tube of Dia.25mm and length 1 mtr. to study different flow conditions.
- 1 Litter plastic flask to measure discharge.
- Sump tank- 900 X 350 X 350 mm.

Range of Experiment:-

- To obtain the Reynolds number in different flow conditions.
- To study different flow conditions.

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