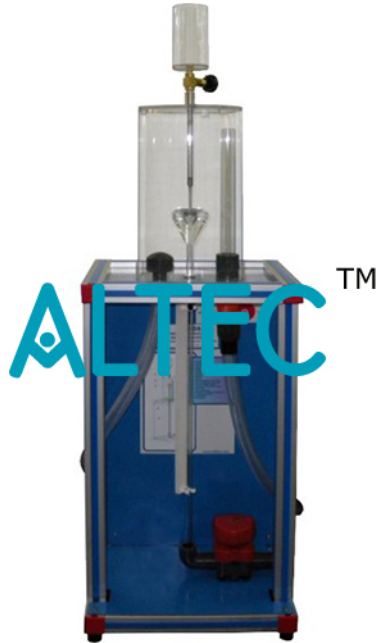


Product Name :
Reynolds Apparatus**Product Code :**
ALABS-A104-126**Description :****Reynolds Apparatus**

Reynolds's Number is a dimensionless number used by engineers to determine the type of fluid flow and testing on scale-down models of airplanes, ships, etc.

The apparatus consists of a constant head tank and a small tank. The constant head tank has a horizontal/vertical transparent tube with a flow control valve at the discharge side. The velocity of water is varied by the flow control valve. When the dye is introduced, the laminar or turbulent nature of the flow can be visualized.

Specifications:

- Sump Tank : 500 X 400 X 200
- Flow Pipe length: 700 mm

- Measuring Flask: 1 litre
- Dye Material : Potassium Permanganate
- Pump : Submersible type
- Piping with necessary Valves and Fittings
- Digital Stop Watch with 1/10 second Accuracy
- Detailed Technical Manual and On-site Training



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