

Product Name :
Reynolds Apparatus

Product Code :
NEGEMG123



Description :

Reynolds Apparatus

Reynolds Apparatus is designed for determining the Reynold's number. The apparatus consists of a glass tube with one end having bell mouth entrance; connected to a constant headwater tank, at the other end a valve is provided to vary the flow rate.

Experimental Capabilities:

- Visualization & comparison of different flow patterns i.e. Laminar, Transient, and Turbulent Flow.
- Determination of the Reynolds's number for a different flow pattern

Specifications:

- Constant Head Tank: Size in mm 250 (L) x 250 (W) x 500 (H)
- Flow tube: Made of transparent plastic / plexi – glass (ID 12.5 mm X 1 m)
- Dye tank
- Dye injecting System
- Piping: PVC Piping
- Flow Control Valve
- Measuring Jar
- Digital Stop Watch
- Frame: Made of M.S. Square Tubes & Sheets, Welded & Powder coated

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