

Product Name :
Flow Through Orifice And Mouthpiece for engineering schools

Product Code :
HBA003



Description :

Flow Through Orifice And Mouthpiece, technical teaching equipment for engineering

We offer high quality **Flow Through Orifice And Mouthpiece** to our valuable customers. The offered apparatus is widely used for determining the critical Reynolds number of a fluid flowing through the coil. In addition to this, the apparatus is also used for determining the friction factor for flow of water through helical coil.

Description:

- It consists of a tank provided with inlet supply diffuser, overflow outlet. Provision for fitting Orifice or Mouthpiece at the same position is provided. An arrangement is done to vary head and keep it constant at desired level. A Hook/pointer gauge arrangement for measuring X-Y co-ordinates of Jet Trajectory is also fitted. The set-up can be

connected to Hydraulic Bench by flexible pipe line.

Experimentation:

- To determine the co-efficient of discharge of different Orifice and Mouthpiece.

Utilities required:

- Hydraulic Bench.

Technical Specification:

- Set of Orifices: Material Acrylic (2 Nos.) Dia. 10mm and 15 mm
- Set of Mouthpieces: Material Acrylic (3 Nos.) Dia 10 mm (L/D = 2.5), Dia 10 mm (L/D = 4), Dia 10 mm (L/D = 1)
- Hook/Pointer Gauge: To measure X-Y co-ordinates of Jet.
- Water Tank: Suitable Capacity, having arrangement to vary water head and keep it constant.
- Instruction Manual: An ENGLISH instruction manual will be provided along with the Apparatus

Technical Specification :

Flow Through Orifice And Mouthpiece

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