

Product Name :
Fluid Friction Apparatus**Product Code :**
ALABS-A43-018**Description :****Fluid Friction Apparatus**

- Laminar/turbulent flow in pipes
- Energy losses in bends and fittings
- Orifice plate
- Venturi meter
- Pitot tube
- Use of manometer (Hg & H₂O)

Specification:

16.0 § Bore (PVC Tube VP 16)

9.5 § Bore (Acryl Tube)

Smooth-bore pipes of various diameter 5.5 § Bore (Acryl Tube)

16.0 mm Bore (PVC Tube VP16)

Artificially roughened pipe

90° Bend (PVC 16 §)

90° Elbow (PVC 16 §)
Bends & Fittings 90° T (PVC 16 x 16 §)

Sudden contractio : 16§ – 6§, 16mm – 10mm

Sudden enlargement : 6§ – 16§, 10mm – 16mm

Sudden change of area

Gate valve : 15A

Glove valve : 15A
Valves Ball valve : 15A

Inlet Dia.-24 §, Throat Dia.-14 §

Venturi tube (Acryl)

Inlet Dia.-24 §, Orifice Dia.-16.0 §

Orifice meter (Acryl)

Mercury manometer : 1000 § (1 pair)

Water manometer : 1000 § (3 pair)
Manometer

Pump(Magnet) & Motor : 70 §³/min

Sump tank (PVC) : 140 LTS
Water supply system Electrical supply : 220V(60Hz), 143W

99kg

Weight

280L x 180H x 45W (S)

Overall dimensions



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