



The Flow Measurement using Rotameter gives an idea regarding Flow measurement using Venturi Tube.

Features

- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Robust Construction.
- Enhanced Electrical Safety Considerations.
- Training Manuals mimic Charts for Operation Ease.
- Inbuilt Safety Measures to avoid improper usage.

Technical Specification

- **Sump tank** - Material: Stainless Steel, 2 mm thick/P.P 5mm thick
Capacity: 30 litres, Dimension: 1ft (L) x 1ft (W) x 1 ft (H).
- **Piping**- 1/1/2", GI, Class B, with 1/1/2" ball valves: 10 nos
- **Measuring Tank**- Material: Acrylic 3mm thick, with measurement Scale.
Capacity: 20 liters, Dimension: 8"(L) x 8" (W) x 10" (H).
- **Centrifugal Pump**- 1/1/2"H.P., 230 V AC supply
- **Rotameter**- Range:0-2000 LPH, Glass tube type/acrylic body, Bob Material: SS 304
Connection: 1", Mounting: Inlet Bottom

Outlet Top.

- **Ventury**- 1/1/2" Line size
- **Manometer**- U-Tube manometer, H: 400 mm, Panel mounting type
- **System Dimensions**- 4Ft. (L) X 2 Ft. (W) X 4 Ft. (H)

System Specifications

- Flow control valve (ball valve).
- Sump tank and pump for water circulation.
- Manometer for DP Measurement across Venturi meter
- Caster mounted movable frame.

Experiment

1. Study of Flow Sensors such as Rotameter, Venturi with the help of Manometer.

Note

- All descriptive matter and illustrations are intended to give only a general idea of the equipment
- Detailed specifications may be altered at the company's discretion without any notice.

Note: Specifications are subject to change.