



The Flow Measurement Setup Using Orifice Plate gives an idea regarding Flow measurement using Orifice Plate.

#### 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
- Caster wheel mounted movable frame

#### Technical Specification

- **Sump tank**-Material: Stainless Steel 1.5 mm thick/ P.P 5mm thick, Capacity: 30 litres  
Dimension: 1ft (L) x 1ft (W) x 1 ft (H).
- **Piping**- 1", GI, Class B, with 1" ball valves: 10 nos.
- **Centrifugal Pump** - ½ H .P., 1ϕ 230 V AC supply
- **Rotameter**- Range:0-2000 LPH, Glass tube type/acrylic body ,Bob Material: SS 304  
Connection: ", Mounting: Inlet Bottom Outlet Top.
- **Orifice**- 1" Line size, concentric type, MOC: Polypropylene (pp) \ SS.

- **Manometer**- U-Tube manometer, H: 400 mm, Panel mounting type.

#### System Specification

- Flow control valve (ball valve).
- Sump tank and pump for water circulation.
- Rotameter for calibration of flow transmitter.
- Manometer for DP Measurement across Orifice Plate

#### System Dimensions-

4Ft. (L) X 2 Ft. (W) X 4 Ft. (H)

#### Experiment

- Study of Flow Sensors such as Orifice, Rotameter 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.

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