



Key features

The Setup for Calibration of Flow Sensor gives an idea regarding Flow Sensor & Flow Transmitter Principle. It outlines the procedure for calibration of flow Sensors/Transmitters.

Technical Specifications

- Sump tank - Material: Stainless Steel, 1.5 mm thick/ P.P 5mm thick
- Capacity: 30 liter
- Dimension: 1ft (L)×1ft (W)×1 ft (H)
- Piping - 1" GI, Class B , with 1" SS ball valves
- Centrifugal Pump - 1/ ½ H.P, 1φ 230 V AC supply
- Rotameter - Range: 0-2000/2500 LPH, Glass tube type/acrylic body, Bob Material: SS 304
- Connection: 1", Mounting: Inlet Bottom Outlet Top
- Orifice - 1" Line size, concentric type, MOC: Polypropylene (pp)
- Venturi - 1" Line size, MOC: MS/CRC
- Manometer- U-Tube manometer, H: 400 mm, Panel mounting type.
- Flow Transmitter - Type: Digital Turbine (Wheel Flow Meter) Range: 0-2000 LPH, Output: 4 – 20mA
- Flow Indicator - 3 ½ digit display, 230 V AC operated, Cut out: 92 mm× 46 mm
- Range: 0-2000 LPH, Input: 4-20 mA
- Electrical Control Panel - MS Powder coated panel with switches, indicator, Test, Points, controller on front facia, Use of 0.5 sq. mm multistrand wire with Proper insulated Lugs, Ferruling & neat wire Dressing & clamping Wires & power cables are Seated through 1"×1" PVC cable tray.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Dimension: 1ft (L) × 1ft (W) × 1ft (H).

Features-

- 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.
- Flow meter with pulse output & flow indication on LED display.
- Manometer for DP Measurement across Orifice Plate, Venturi meter.
- Caster wheel mounted movable frame

Range of Experiments-

- Study of Digital Turbine type Transmitter, Flow Sensors such as Orifice, Venturi, Rotameter, with the help of Manometer
- Calibration of Flow Sensors/Transmitters

System Dimension - 43". (L) X 21". (W) X 51". (H)

Weight: Approx. 81kg.

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