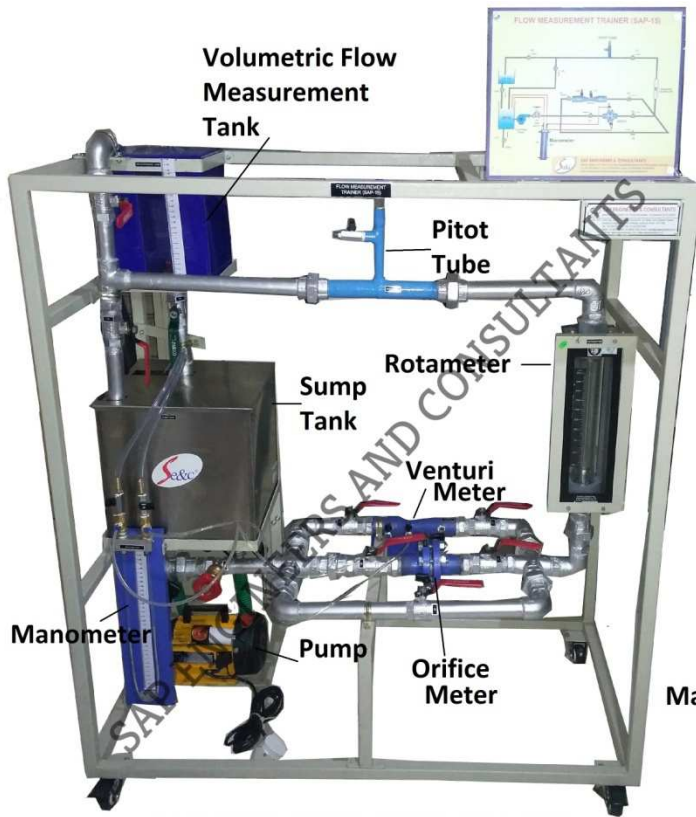
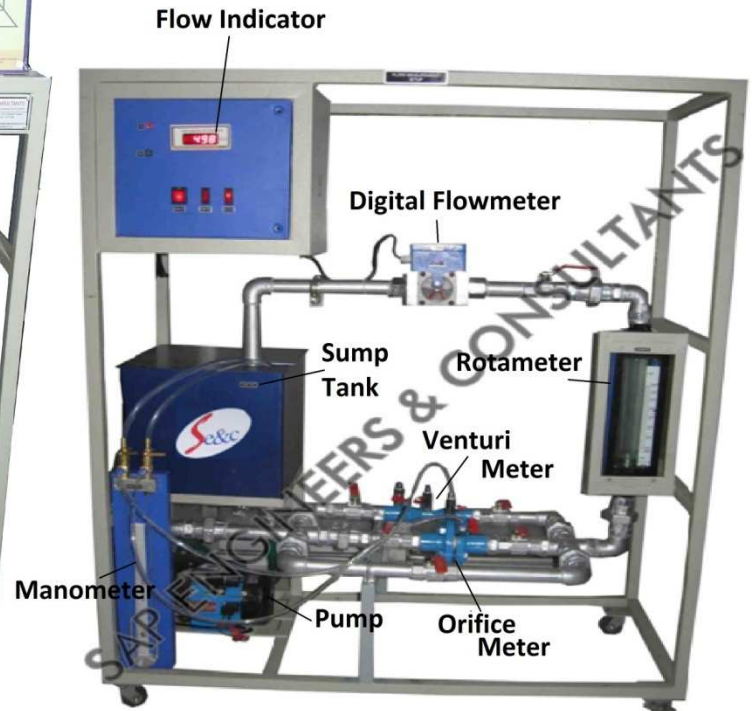


SAP E & C ORIFICE, VENTURI FOR ROTAMETER TRAINER
i.e. SETUP FOR CALIBRATION OF FLOW SENSORS
i.e. FLOW MEASUREMENT TRAINER
(PRODUCT CODE: SAP - 15)



SETUP FOR CALIBRATION OF FLOW SENSOR (PRODUCT CODE: SAP-15)



SETUP FOR CALIBRATION OF FLOW SENSOR WITH DIGITAL WFM (PRODUCT CODE: SAP-15D)

The **Setup for Calibration of Flow Sensor (SAP – 15)** gives an idea regarding Flow Sensor & Flow Transmitter Principle. It outlines the procedure for calibration of flow Sensors/Transmitters.

Technical Specification:-

No.	Item Name	Technical Specifications
1	Sump tank-	Material: Stainless Steel, 1.5 mm thick/P.P 5mm thick Capacity: 30 liters, Dimension: 1ft (L)×1ft (W)×1 ft (H)
2	Piping-	1" GI, Class B, with 1" ball valves: 10 nos.
3	Centrifugal Pump-	1"/ ½" H.P., 1φ 230 V AC supply
4	Rotameter-	Range: 0-2000 LPH, Glass tube type/acrylic body ,Bob Material: SS 304 Connection: 1", Mounting: Inlet Bottom Outlet Top
5	Orifice-	1" Line size, concentric type, MOC: Polypropylene (pp) \ SS.
6	Venturi-	1" Line size, MOC: MS/CRC
7	Manometer-	U-Tube manometer, H: 400 mm, Panel mounting type.
8	Flow Transmitter (Optional)-	Size: 1", Type: Wheel Flow meter/Magnetic Flow meter, Range: 0-2000 LPH, Output: 4-20 mA/DPT
9	Flow Indicator (Optional)-	3 ½ digit display, 230 V AC operated, Cut out: 92 mm× 92 mm ×144 mm, Range: 0-2000 LPH, Input: 4-20 mA

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10	Electrical Control Panel (Optional)-	MS Powder coated panel with switches, indicator, Test, Points, controller on front facia, UK 2.5 Terminal Connectors mounted on DIN rail Channel. 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. Dimension: 1ft (L) ×1ft (W) ×1ft (H).
11	Pitot Tube- (Optional)	1 No. 1" Line Size, MOC: MS/PP/Eqvt.

Range of Experiments-

- ❖ Study of Flow Transmitter, Flow Sensors such as Orifice, Venturi, Rotameter, Pitot Tube (Optional) with the help of Manometer
- ❖ Calibration of Flow Sensors/Transmitters.

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

System Dimensions- 4Ft. (L) X 2 Ft. (W) X 4 Ft. (H)

Services Required-

- ❖ Electric Supply of 1φ 230 VAC.

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.

Manufactured/Marketed By

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