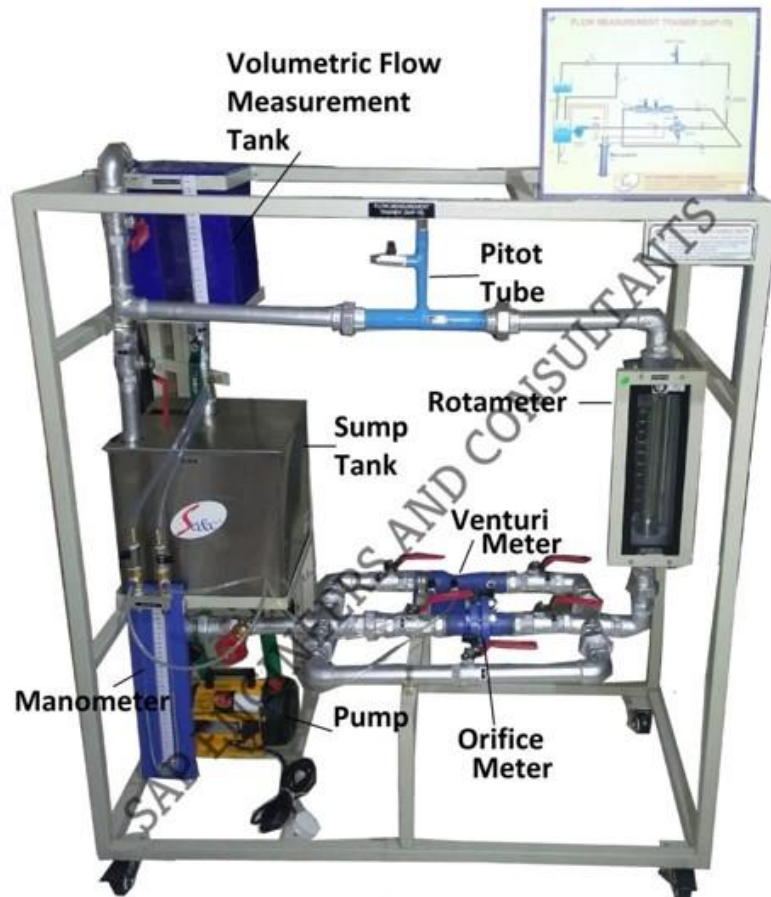


**SAP E & C ORIFICE, VENTURI FOR ROTAMETER TRAINER**  
**i.e. SETUP FOR CALIBRATION OF FLOW SENSORS**  
**i.e. FLOW MEASUREMENT TRAINER**  
**(PRODUCT CODE: SAP - 15V)**



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

**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	Volumetric Flow Measurement tank	Material: PP-5mm Thick Capacity: 10 liters Dimension: 8" (L) x8" (W)×10" (H)
3	Piping-	1" GI, Class B/SS Piping (Optional), with 1" SS ball valves: 10 nos.
4	Centrifugal Pump-	1"/ ½" H.P., 1 $\phi$ 230 V AC supply
5	Rotameter-	Range: 0-2000 LPH, Glass tube type/acrylic body, Bob Material: SS 304 Connection: 1", Mounting: Inlet Bottom Outlet Top
6	Orifice-	1" Line size, concentric type, MOC: Polypropylene (pp) \ SS.
7	Venturi-	1" Line size, MOC: MS/CRC
8	Manometer-	U-Tube manometer, H: 400 mm, Panel mounting type.
12	Pitot Tube- (Optional)	1 No. 1" Line Size, MOC: MS/PP/Eqvt.

For More Details Visit Our Website At: [www.sapengineers.com](http://www.sapengineers.com), [www.sapengineers.co.in](http://www.sapengineers.co.in) E-mail: - [sales@sapengineers.com](mailto:sales@sapengineers.com)  
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**Range of Experiments-**

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

**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-** 43" (L) X 21" (W) X 51" (H)

**Weight:** Approx. 81kg.

**Services Required-**

- ❖ Electric Supply of 1 $\phi$  230 VAC, 6A, 50Hz.

**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.

