



Multi-Tube Manometer (SMT-FM-25)

A multi-tube manometer featuring a shared reservoir is used to visually represent the pressure distribution across multiple pressure measurement points. The device can monitor up to 16 pressure inputs at once. This system is especially valuable in applications like wind tunnel and fluid mechanics experiments where it's important to observe and compare pressures at different locations in real time. Widely used in engineering labs to visually demonstrate pressure variations and fluid principles to students.

TECHNICAL SPECIFICATIONS

Specifications:

- Transparent manometer tubes
- Anti corrosion aluminium frame
- Transparent reservoir which is connected with all manometers.
- Angle scale 360°.
- Can be used with all fluid mechanics experiments

Technical Data:

- Manometer tubes:
 - Transparent tubes
 - Inner diameter: 6mm
 - No. of tubes: 16
- Aluminium frame
- Weight Approx. 22kg



Learning Objectives:

- Understand the concept of differential pressures.
- How pressure differences are measured using fluid columns in manometers