

Micro Fluid filled portable and stationary Manometers are indicators for the difference between two pressures & can also be used for single pressure. The inexpensive manometers measure positive, negative and differential pressures. Applications vary for the different types of stationary manometers. Manometers are unique in being both pressure measurement instruments and standards for calibration of other instruments.

Pressure is defined as a force per unit area and the most accurate way to measure low air pressure is to balance a column of liquid known weight against it and measure the height of the liquid column so balanced. The unit of measure commonly used are mm Hg / inches Hg using mercury as the fluid and mmWc / inches Wc using water or oil as the fluid.



MANOMETER

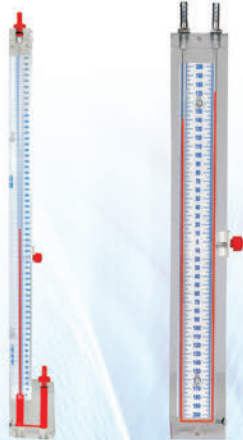
Technical Specifications

Acrylic Body Manometer

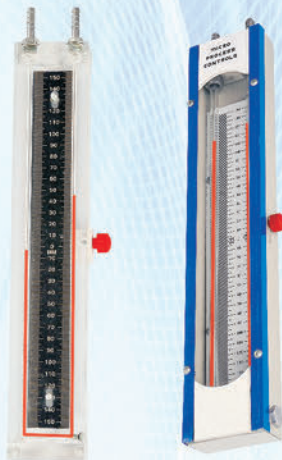
- **Types :**
Inclined
Single Limb
'U' Tube
- **Housing :**
Solid Transparent Block of Acrylic
- **Metering Tube :**
Drilled through Solid Acrylic Block
- **Scale :**
White Acrylic with Black Markings Standard (Red / Blue Marking Optional)
Black Colored Aluminium with White Markings
- **Accuracy :**
±2% of FS
- **Indicating Liquid :**
Red having Specific Gravity 0.81
- **Connection :**
PVC Standard / SS Nozzle (Optional)
- **Mounting :**
Wall Mounting (Standard)
Adjustable 3 Leg Stand Mounting (Optional)
- **Zero Adjustment :**
By External Knob
- **Working Temperature :**
Maximum 80°C
- **Ranges :**
Inclined : 10, 15, 25, 50, 75, 100 mm H₂O
Single Limb : 100, 150, 200, 250, 300, 400, 500 mm H₂O
'U' Tube : 100-0-100, 150-0-150, 200-0-200, 250-0-250 mm H₂O

Glass Tube Manometer

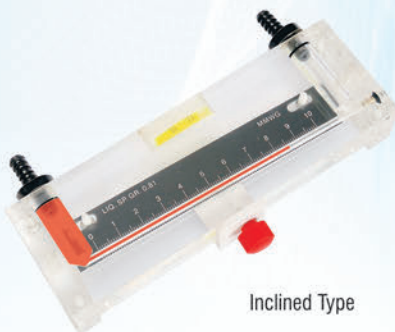
- **Types :**
Single Limb
'U' Tube
- **Housing :**
Aluminium Powder Coated
- **Metering Tube :**
Heavy Duty Borosilicate Glass
- **Scale :**
White Acrylic with Black Markings Standard (Red / Blue Optional)
Black Colored Aluminium with White Markings
- **Accuracy :**
±2% of FS
- **Indicating Liquid :**
Red having Specific Gravity 0.81 (Standard)
Mercury (Optional)
- **Window :**
Transparent Acrylic
- **Connection :**
SS Nozzle
- **Mounting :**
Wall Mounting (Standard)
Adjustable 3 Leg Stand Mounting (Optional)
- **Zero Adjustment :**
By External Knob
- **Working Temperature :**
Maximum 250°C
- **Ranges :**
Single Limb : 100, 150, 200, 250, 300, 400, 500, 700 & 1000 mm H₂O
'U' Tube : 100-0-100, 150-0-150, 200-0-200, 250-0-250, 500-0-500, 700-0-700, 1000-0-1000 mm H₂O



Single Limb Acrylic U Tube Acrylic



U Tube Glass Type



Inclined Type