



ISO 9001 : 2008 Certified Company



The Specialist for....
Pressure + Temperature

Driving
Quality, Reliability, Accuracy & Durability
Driving
in Pressure & temperature measuring solutions..



Glycerin Filled Gauges

- Nominal Size : 40/50/63/100/150/200 & 250mm
- Accuracy : $\pm 1\%$ of Full Scale
- Case & Bezel : S S 304, Crimp / Snap Action Bayonet type
- Wetted Parts : S S 304, S S 316 & Brass
- Mounting : Bottom / Surface / Panel / Flush Mounting
- Scale Range : Vacuum, Compound & Pressure upto 2500 Kg/cm²
- Application : Where Vibration & Pulsation are Destructive factors.

Weather Proof Gauges

- Nominal Size : 50/63/100/150/200 & 250mm
- Accuracy : $\pm 1\%$ of Full Scale
- Case & Bezel : S S 304, Snap Action Bayonet type
- Wetted Parts : S S 304, S S 316,
- Mounting : Bottom / Surface / Panel / Flush Mounting
- Scale Range : Vacuum, Compound & Pressure upto 2500 Kg/cm²
- Application : Generally used for Corrosive Gases & Liquid Media



Diaphragm Sealed Gauges

- Nominal Size : 50/63/100/150/200 & 250mm
- Accuracy : $\pm 1\%$ of Full Scale
- Case & Bezel : S S 304, Snap Action Bayonet type
- Wetted Parts : S S 304, S S 316, S S 316L, Monel, Hastelloy 'C'
- Mounting : Bottom / Surface / Panel / Flush Mounting
- Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²
- Application : Generally used for Slurry & Hot Pressure Media

Diaphragm Sealed Units

Different Type of Chemical Sealed

Direct Coupled Type / Compact Design / SMS (Sanitary Type / High Pressure Sealed / Screwed Flush Type / Direct Flange / Diaphragm Sealed 'I' Section Flanged / Extended Neck / Solid PP / PTFE Lined & Coated Sealed

MOC : S S 304 / S S 316 / S S 316L / Hastelloy 'C' / Monel



Schaffer + Capsule Gauge + Low Pressure Diaphragm

- Nominal Size : 100/150/200 & 250mm
- Accuracy : $\pm 1.6\%$ of Full Scale
- Case & Bezel : S S 304, Snap Action Bayonet type
- Wetted Parts : S S 304, S S 316, S S 316L,
- Mounting : Bottom
- Scale Range : 250 to 6000 mmWc 1 to 21 Kg/cm²
- Application : Generally used for Low Pressure Measurement & Slurry Media

Differential Pressure Gauges

- Nominal Size : 100 & 150mm
- Accuracy : $\pm 1.6\%$ of Full Scale
- Case & Bezel : S S 304, Snap Action Bayonet type
- Wetted Parts : S S 304, S S 316,
- Mounting : Bottom Direct / Surface / Pipe mounting
- Scale Range : 250 to 6000 mmWc 1 to 21 Kg/cm²
- Application : Air, Gas & Filter Application



Electrical Contact Guages

Nominal Size : 100 & 150 mm
 Accuracy : $\pm 1\%$ of Full Scale
 Case & Bezel : S S 304, Snap Action Bayonet type
 Wetted Parts : S S 304, S S 316
 Mounting : Bottom / Surface / Panel / Flush Mounting
 Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²
 Application : Control & Regulation of Industrial Process



Precision Master + Test Gauges

Nominal Size : 150, 200 & 250 mm
 Accuracy : $\pm 0.25\%$ & $\pm 0.5\%$ of Full Scale
 Case & Bezel : S S 304, Snap Action Bayonet type
 Wetted Parts : S S 316, S S 316L
 Mounting : Bottom / Surface / Panel / Flush Mounting
 Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²
 Application : Used for re-calibration of Pressure instruments & Lab Application

Dead Weight + Comparison Tester

A **dead weight tester** apparatus uses known traceable weights to apply pressure to a fluid for checking the accuracy of readings from a Pressure Gauge.

Available Range : 2.5 upto 1000 Kg/cm²

Accuracy : $\pm 0.05\%$ & $\pm 0.1\%$

Comparison Tester is Intended to Compare the Pressure Instruments with Masters.

Ranges : Vacuum to 35 Kg/cm² upto 2000 Kg/cm²



MS Industrial Guages

Nominal Size : 63, 100 & 150 mm
 Accuracy : $\pm 1.6\%$ of Full Scale
 Case & Bezel : M.S. Powder Coated, Snap Action Bayonet type
 Wetted Parts : Copper Alloy (Brass)
 Mounting : Bottom / Surface / Panel / Flush Mounting
 Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²
 Application : Used Where gaseous & liquid are not highly viscous or do not attack Copper alloy or crystallize. Easy calibration

M S Utility Guages

Nominal Size : 50, 63, 80, 100, 150, 200 & 250 mm

Accuracy : $\pm 2\%$ of Full Scale

Case & Bezel : Drawn Steel Black Powder Coated

Wetted Parts : Copper Alloy (Brass)

Mounting : Bottom / Surface / Panel

Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²

Application : Pneumatic Control System, Air Conditioning System & Pumps etc....



SS Utility Guages

Nominal Size : 50, 63, 80, 100, 150, 200 & 250 mm

Accuracy : $\pm 2\%$ of Full Scale

Case & Bezel : S S 304, Press Fit Design

Wetted Parts : Copper Alloy (Brass) / S S 304

Mounting : Bottom / Surface / Panel

Scale Range : Vacuum, Compound & Pressure upto 1000 Kg/cm²

Application : Pneumatic Control System, Air Conditioning System & Pumps etc....



Pressure Gauge Accessories

- Snubber** : For Suppress the effect of sudden pressure pulses and fluctuation of pressure peaks.
- Gauge Saver** : Used for Protect Pressure Gauge against Exceed Pressure
- Syphon** : Pressure gauge syphons protect pressure gauges from the effect of rapid pressure surges and hot pressure media
- Gauge Cock** : Shut-off device for pressure gauges, for measurement of liquids, gases and steam
- Needle Valve** : Intended to isolate the pressure gauge from the measured fluid or to provide a means of throttling or dampening pressure pulsation.
- Manifold Valve** : Manifold is intended for isolating & Pressure Equilizing.
- Push Valve** : By pushing the knob of the valve, system pressure can be read on the gauge

Digital Pressure Gauges + Transmitter

- Nominal Size** : 63 & 100mm
- Accuracy** : $\pm 0.25\%$ & 0.15% of Full Scale
- Case & Bezel** : ABS Plastic & Aluminium Anodize
- Wetted Parts** : S S 304L / S S 316L
- Scale Range** : -1 to 700Kg/cm²
- Battery Life** : 2 Years in Power Saving Mode / 1000 Hrs. Cont..
- Application** : Generally used for Corrosive Gases & Liquid Media & For Calibration lab use.



Mercury + Gas Filled Temp. Guages

- Nominal Size** : 63, 100, 150, 200 & 250mm
- Temp. Element** : Mercury / Gas Actuated
- Accuracy** : $\pm 1\%$ of Full Scale
- Case & Bezel** : S S 304, Snap Action Bayonet type
- Wetted Parts** : S S 304, S S 316,
- Mounting** : Bottom/Surface/Panel/Flush Mounting/Remote
- Scale Range** : -30° to 50° C to 650° C or Equivalent °F
- Application** : in all Process Industries for Temp. Measurement.

Bi-Metal Temp. Guages

- Nominal Size** : 63, 100 & 150 mm
- Temp. Element** : Wounded Coil of Bi-Metal
- Accuracy** : $\pm 1.6\%$ of Full Scale
- Case & Bezel** : S S 304, Snap Action Bayonet type
- Wetted Parts** : S S 304, S S 316,
- Mounting** : Bottom, Back & Every Angle
- Scale Range** : -30° to 50° C to 500° C or Equivalent °F
- Application** : in all Process Industries for Temp. Measurement.



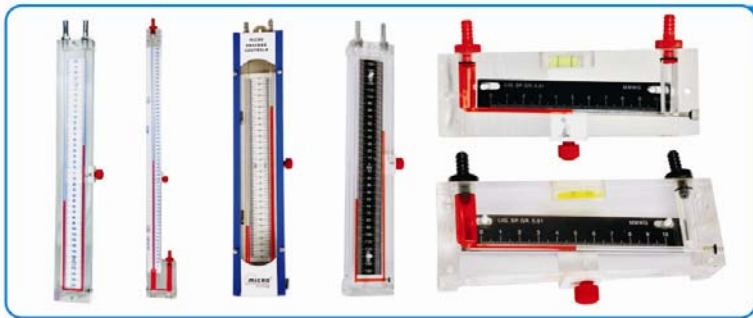
RTD + Thermocouple

- Sensor Types** : PT-100, J, K, E, T, R & S Type
- Enclosure** : Die Cast Aluminium / Weather Proof / Flame Proof
- Accuracy** : Class A & Class B
- Configuration** : 2 Wire, 3 Wire & 4 Wire
- Stem** : S S 304, S S 316, Inconel, Monel & Hastelloy 'C'
- Range** : -200° to 1600° C
- Application** : Machinery, Plants & Tank, Construction, Energy & Power Plant, Chemical Industries, Heating & A/C

Digital Temp. Guage + Transmitter

- Head Mounted Transmitter**
- Input** : T/C's, J, K, R, S, T & RTD PT-100
- Out Put** : 4 to 20 mA
- Digital Temperature Gauge**
- Available in rigid stem type Horizontal & Vertical, Every Angle
- With Capillary type (up to 30 Meters)
- Range** -200° C to + 1200° C
- Accuracy** : $\pm 1\%$





Acrylic + Glass Tube Manometer

- **Acrylic single limb manometer.**
Ranges : 50, 100, 150, 200, 250, 300, 400, 500 & 600 mmH2O
- **Acrylic 'U' Tube manometer**
Ranges : 50-0-50, 100-0-100, 150-0-150, 200-0-200, 250-0-250 mmH2O
- **Acrylic Inclined manometer (Easy reading of low pressure)**
Ranges : 10, 12, 15, 25, 50, 75, 100 mmHO2
- **Metallic single limb & Glass 'U' Tube Manometer.**
Wall & Stand mounted available
Ranges : 100, 150, 200, 250, 300, 400, 500, 700 & 1000 mmH2O

Macleod Gauges

The **McLeod gauge** is a scientific instrument used to measure very low Pressure, down to 10^{-6} mbar.

The **McLeod gauge** is used to measure vacuum by measuring the height of a column of mercury supported by the gas whose pressure is to be measured, when this gas is trapped and compressed into a capillary tube.



Acrylic + Glass Tube Rotameter

- | | |
|---|------------------------------|
| Glass Tube | Acrylic Body |
| Casing : M. S. Powder Coated | Casing : Transparent Acrylic |
| Glass Tube : Borosilicate | Scale : Engraved on Body |
| Max. Temp. : up to 250°C | Max. Temp. : up to 80°C |
| Standard Features (for Both Glass Tube & Acrylic Body) | |
| Wetted Parts : SS 304, SS 316, CS, PP, PTFE Lined | |
| Floats : SS 316, PTFE, PVC, PP | |
| Accuracy: $\pm 2\%$ of full flow std. | |
| Range ability : 10:1 | |
| End Connection : Flanged, Threaded Male / Female | |
| Mounting : Online & Flush Panel | |

Flow Switch

The paddle type flow controllers are specifically designed for use on liquid lines such as water, ethylene glycol or any other fluid which is not harmful to brass or phosphor bronze and which is not classified as a hazardous fluid.

Features

- M O C : Brass / Phosphor Bronze / S.S.
- Max. Operating Pressure : 10 Bar / 140 psi
- Media Temperature : 1 to 100° C
- Flow rate : M3



pH, TDS & Conductivity Meter.

- PH Meter** : Ideal for all P^H testing, water purification applications, wastewater regulation, aquaculture, hydroponics, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment & agriculture
- TDS Meter** : Total Dissolved Solids (TDS) are the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water, expressed in units of mg per unit volume of water (mg/L). Also referred to as parts per million (ppm). TDS is directly related to the purity of water and the quality of water purification systems.
- Conductivity Meter** : It is used for measuring the electrical conductivity of a solution. It works by applying a voltage between two or more electrodes submersed in the solution. The meter then monitors how much current is passing between the electrodes as a gauge of how many ions are in solution. Be aware that meters may give readings in E.C., C.f. Or ppm and some meters may do all three.

S.S. + M.S. Sight Glass

Sight glass is a device used between any kinds of non transparent pipelines to observe the flow of liquid. This can be used both in horizontal as well as vertical pipeline. Sight glass is constructed in such a way that it gives a complete view from every angle.

- Types : Check Nut Type, Allen Key Type
- Construction : S S 304, S S 316 & M.S. With Zinc Plated
- Glass Pipe : Borosilicate Pipe. It is highly heat resistant
- Packing : PTFE
- Flange : ASA, DIN, IS or Any Standard Sizes is available.

