



Glycerin Filled Pressure Gauges

Construction Features :

Dial Size : 63mm, 100mm, 150mm & 250mm.

Accuracy : $\pm 1\%$ of full scale.

Case & Bezel (IP-65) : SS 304, Crimp Type / Snap Action Bayonet type & for 250mm Die cast aluminum.

Movement : SS 304 / Brass (63 mm)

Pressure Element : SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type).

Socket : SS 304 / SS 316 / BRASS (63mm).

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass with black finish.

Window : Acrylic / Safety glass.

Blow Out Protection : On top at 0.6 Kg/cm² .

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm²

115% of f.s.d. for > 150 Kg/cm² .

Joints : Argon arc welded / Brass silver brazed.

Mounting : Stem (Bottom), Surface, Panel Mounting, Flush Panel (Bracket Type).

Connection : $\frac{1}{4}$ " / $\frac{3}{8}$ " / $\frac{1}{2}$ " BSP / NPT.

Scale Range : Vacuum, Compound & Pressure up to 1400 kg/cm² .

Optional Features :

S S 316 Case & Bezel available on request.

Ammonia (NH₃), Oxygen(o₂), Freon Scale available on request.

Eco Model in M.S. Case & S S Case available on request.

Application :

Air Compressor, Hydraulic Presses, Pumps, Industrial Power Plants, Marine engines, Pipelines and Transmission Stations where Vibration & Pulsation are destructive factors.



Weather Proof Pressure Gauges

Construction Features :

Dial Size : 63mm, 100mm, 150mm & 250mm.

Accuracy : $\pm 1\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type & for 250mm Die cast aluminum.

Movement : SS 304

Pressure Element : SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type).

Socket : SS 304 / SS316

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass, Zero adjustment / Micro Zero Adjustment pointer.

Window : Toughened / Safety glass.

Blow Out Protection : 63mm on Top & 100 & 150mm on back side at 0.6 Kg/cm .

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm² /

115% of f.s.d. for > 150 Kg/cm² .

Joints : Argon arc welded.

Mounting : Stem (Bottom), Surface, Panel Mounting, Flush Panel (Bracket Type).

Connection : $\frac{1}{4}$ " / $\frac{3}{8}$ " / $\frac{1}{2}$ " BSP / NPT.

Scale Range : Vacuum, Compound & Pressure up to 1400 kg/cm .

Optional Features :

SS 316 Case & Bezel available on request.

Ammonia (NH₃), Oxygen(O₂), Freon Scale available on request. 3 2

Eco Model in M.S. & SS Case available on request.

Application :

Chemical & Petrochemicals, Power generation, Pollution Control Equipment, Oil exploration and any other application requiring fine quality, long lasting pressure measurement etc.



Diaphragm Sealed Pressure Gauges

Construction Features :

Dial Size : 63mm, 100mm, 150mm.

Accuracy : $\pm 1\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type / Crimp type.

Movement : SS 304

Pressure Element : SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type).

Socket : SS 316

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass, Zero adjustment / Micro Zero Adjustment pointer.

Window : Acrylic / Toughened / Safety glass.

Blow Out Protection : On Top / On back side at 0.6 Kg/cm .

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm 115% of f.s.d. for > 150 Kg/cm

Joints : Argon arc welded.

Mounting : Stem (Bottom), Surface, Panel Mounting, Surface with capillary extension.

Scale Range : Vacuum, Compound & Pressure up to 420 kg/cm . Sealed Unit

Upper Chamber Material : SS 304

Diaphragm Material : SS 316L / MONEL / HASTALLOY – C / TANTALUM or any other material.

Teflon Coating can be provided if required.

Lower Chamber : SS 304 / SS 316 / MONEL or any other material (Threaded / Flange type)

Filling Fluid : Silicon Oil or suitable liquid as desired by the user

Optional Features :

Different type of seals & connection available like

Different threaded type, Open Flange Type, Flush welded diaphragm type,

Sandwich flange (cell) type, Extended welded diaphragm type, Capillary extension type.

SMS & TC Connection for food, Biochemical & pharmaceutical industries.

Homogenizer flange (Round or Square) Type.

Special Connection for Pulp & Paper Industries.

Eco Model available on request.



Schaffer & Low Pressure Diaphragm Pressure Gauges



Construction Features :

Dial Size : 100mm & 150mm.

Accuracy : $\pm 1\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type.

Movement : Brass / SS 304.

Pressure Element : SS 316 Diaphragm / Compact capsule.

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass, Zero adjustment / Micro Zero Adjustment pointer.

Window : Toughened / Safety glass.

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm /

115% of f.s.d. for > 150 Kg/cm .

Mounting : Direct Bottom entry.

Scale Range : For Schaffer Diaphragm: 760mmHg Vacuum,Compound, 0.6 to 21 Kg/cm .

For Low Pressure Diaphragm : 250mmWc to 6000 mmWc.

For Compact Capsule : 250mmWc to 6000mmWc. Upper Chamber

Material : SS 304 / Carbon Steel Powder Coated.

Diaphragm Material : Brass / SS 316, Teflon Coating can provided if required.

Lower Chamber : SS 304 / SS 316, PTFE Lining provide if required. (Threaded / Flange type).

Optional Features :

Economic M.S. Model available on request.

Flanged connection available on request.

Application :

Medical & Vacuum Technology, environment & heating engineering, level indication & filter monitoring.

Diaphragm Differential Pressure Gauges



Construction Features :

Dial Size : 100mm & 150mm.

Accuracy : $\pm 1.6\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type.

Movement : SS 304

Pressure Element : SS 316L Single diaphragm.

HP / LP Chamber : SS 304 / SS 316.

Dial : Aluminum white painted with 270 degree black scale marking

Pointer : Al. / Brass, Micro Zero Adjustment pointer.

Window : Toughened / Safety glass

Sealing Ring : Viton

Mounting : Direct & Surface.

Scale Range : 250mmWc to 6000mmWc up to 10 Kg/cm

Optional Features :

D P with Electrical contact available on request.

Pressure equalizing valve available on request.

Surface & Pipe Mounting on request.

Application :

Air, Gas & Filter Application.

Electric Contact Gauges



Construction Features :

Dial Size : 100mm & 150mm.

Accuracy : $\pm 1\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type.

Movement : SS 304

Pressure Element : SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type).

Socket : SS 304 / SS 316

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass, Zero adjustment / Micro Zero Adjustment pointer.

Window : Acrylic

Blow Out Protection : Back side at 0.6 Kg/cm .

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm

115% of f.s.d. for > 150 Kg/cm .

Joints : Argon arc welded.

Mounting : Stem (Bottom), Panel Mounting, Flush Panel (Bracket Type).

Connection : $\frac{1}{4}$ " / $\frac{3}{8}$ " / $\frac{1}{2}$ " BSP / NPT.

Scale Range : Vacuum & Pressure up to 700 kg/Cm .

Contact Details : 380V AC/DC, 50 V A / 30 watts, Current not exceed 1 Amp.

Contact Type : Magnetic Single Contact (1NOs, 1NC)

Double (1 NO+NC, 1 NC+NO, 2 NO, 2 NC)

Optional Features :

Diaphragm Sealed with Electrical Contact available on request.

LPD with Electrical Contact available on request.

Application :

Control & Regulation of industrial process. Monitoring of plants and switching of electric circuit. Power plants, Chemical & petrochemical industries, pump, motor, turbine etc.

Precision Test Pressure Gauges



Construction Features :

Dial Size : 150mm & 250mm.

Accuracy : $\pm 0.25\%$ & $\pm 0.5\%$ of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type & for 250mm Die cast aluminum.

Movement : SS 316, High Precision with Bi-Metal Link for Temperature Compensation.

Pressure Element : SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type).

Socket : SS 316

Dial : Aluminum white painted with 270 degree black scale marking with mirror scale.

Pointer : Al. Knife edge Micro zero adjustment type.

Window : Toughened / Safety glass.

Blow Out Protection : Back side at 0.6 Kg/cm .

Joints : Argon arc welded.

Mounting : Stem (Bottom), Surface, Panel Mounting, Flush Panel (Bracket Type).

Connection : $\frac{1}{2}$ " BSP / NPT.

Scale Range : Vacuum, Compound & Pressure up to 1000 kg/cm .

Least Count : As per standard chart accuracy $\pm 0.25\%$ & $\pm 0.5\%$.

Application :

Used for re-calibration of general service pressure gauges or any other pressure related instruments



Utility Pressure Gauges

Construction Features :

Utility Pressure Gauge

Dial Size : 40mm, 50mm, 63mm, 100mm, 150mm, & 250mm.

Accuracy : $\pm 2\%$ of full scale.

Case & Bezel : Drawn steel black painted press fit type.

Movement : Brass

Pressure Element : Brass (≤ 70 bar 'C' Type)

SS 316 (> 70 bar Coil Type).

Socket : Brass

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Tin pointer with black finish.

Window : Plain Glass

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm²

115% of f.s.d. for > 150 Kg/cm²

Joints : Soldering

Mounting : Stem (Bottom), Surface, Panel Mounting,
Flush Panel (Bracket Type).

Connection : 1/8", 1/4" / 3/8" / 1/2" BSP / NPT .

Scale Range : Vacuum, Compound & Pressure

2 up to 700 kg/cm .

Industrial Utility Pressure Gauge

63mm, 100mm & 150mm.

$\pm 1\%$ of full scale.

Drawn steel painted snap action bayonet type.

Brass

Brass (≤ 70 bar 'C' Type)

SS 316 (> 70 bar Coil Type).

Brass

Aluminum white painted with 270 degree black scale marking.

Al. / Brass, Zero adjustment pointer.

3mm Thick Plain Glass.

125% of f.s.d. for ≤ 150 Kg/cm²

115% of f.s.d. for > 150 Kg/cm²

Brass silver brazed / soldered.

Stem (Bottom), Surface, Panel Mounting,
Flush Panel (Bracket Type).

1/8", 1/4" / 3/8" / 1/2" BSP / NPT.

Vacuum, Compound &

2 Pressure up to 700 kg/cm .

Optional Features :

SS Case & Bezel available on request.

Ammonia (NH), Oxygen(O), Freon Scale available on request. 3 2

Application :

Pneumatic control Systems, Air conditioning, Pumps etc.



Pressure Gauge Accessories

Construction Features :

SNUBBER : Snubber is intended to suppress the effect of sudden pressure pulses and fluctuation of pressure peaks. It is provided with adjustable screw to restrict the flow as per operating condition.

MOC : SS 304, SS 316.

GAUGE SAVER : Gauge saver is intended to protect pressure gauge against the effect of pressure that exceed the maximum pressure rating of the pressure gauge.

MOC : SS 304, SS 316.

GAUGE SYPHON : Pigtail Type & 'U' shaped siphon are intended to protect pressure gauge from the effect of hot pressure media such as steam and also to reduce the effect of rapid pressure surge. The steam condensate inside the coil of siphon prevent direct contact.

MOC : Carbon Steel, SS 304 & SS 316

GAUGE COCK & NEEDLE VALVE : Needle valve is intended to isolate the pressure gauge from pressure medium or to throttle and to damp pressure pulses.

MOC : SS 304, SS 316

MANIFOLD :

Manifold is intended for isolating and pressure equalizing.

M O C :

SS 304, SS 316.

COMPARISON TESTER :

Comparison tester is intended to compare the reading of tested pressure gauge & master pressure gauge by pressure balancing method.

M O C :

SS 304.

Bimetal Temperature Gauges



Construction Features :

Dial Size : 63mm, 100mm & 150mm.

Accuracy : + 1.6% of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type & SS 304 Press Fit Type.

Temp. Element : Wounded coil of Bimetal.

Stem & Bulb : SS 304, SS 316 (6mm, 8mm, 10mm & 12mm).

Stem Length : SS 304, SS 316 (up to 300mm).

Dial : Aluminum white painted with 270 degree black scale marking .

Pointer : Brass with black finish.

Window : Plain Glass / Toughened / Safety glass.

Joints : Argon arc welded.

Mounting : Stem (Bottom), Back & Every angle.

Connection : 1/4" / 3/8" / 1/2" BSP / NPT (Fix or Adjustable).

Scale Range :-30 to 50° to 500° C or equivalent in °F

Bimetal Temp. Gauges optional Features :

Dual scale °C & °F available on request.

Every angle mounting available on request.

Extra stem length on request,

TC Connection on request.

Bimetal Temp. Gauges Applications :

Domestic & industrial heating system, hot water boiler, power plant, food & beverage industries, pharmaceutical industry etc.



Mercury / Gas Filled Temperature Gauges

Construction Features :

Dial Size : 100mm & 150mm.

Accuracy : + 1% of full scale.

Case & Bezel (IP-65) : SS 304 Snap Action Bayonet type.

Temp. Element : Mercury / Gas actuated.

Stem & Bulb : SS 316

Stem & Bulb Dia. : 6mm, 8mm, 10mm & 12mm.

Stem Length : up to 300mm.

Capillary Material : M S / S S 316 Micro bore.

Capillary Protection : SS 304 Tubing, PVC, SS Armored.

Dial : Aluminum white painted with 270 degree black scale marking.

Pointer : Al. / Brass, Zero Adjustment / Micro Zero Adjustment.

Window : Toughened / Safety glass.

Joints : Argon arc welded.

Mounting : Stem (Bottom), Back & Surface with capillary extension.

Connection : 1/4" / 3/8" / 1/2" BSP / NPT (Adjustable).

Scale Range :-30 to 50° C to 650° C or equivalent in °F



Optional Features :

Anti vibration fitting, Dual scale °C & °F available on request.

Liquid filled case with Glycerin or Silicon on request.

Alarm contact type & Capillary extension on request.

Applications :

Pharmaceutical industries, Chemicals & Petrochemicals, Fertilizers & Refineries, Filters for liquid control systems and all Process Industries.

Resistance Thermometer

Construction Features :

Enclosure : Die Cast Aluminum.
Protection : IP, Flameproof Grade IIA, IIB & IIC.
Accuracy : Class A & Class B.
Sensor Element : PT-100 Simplex & PT-100 Duplex.
Cold End : Terminated in to ceramic terminal block.
Stem Material : SS 316 / SS 304, Inconel, Monel, Haystallo.
Stem Dia. : 6mm, 8mm, 10mm & 12mm.
Stem Length : 300mm Standard.
Configuration : 2 wire, 3 wire & 4 wire.
Connection : 1/4", 3/8", 1/2" BSP / NPT Adjustable.
Range : -200°C to 600°C



Optional Features :

Head mounted transmitter can be mounted
Cable RTD available
Cable insulation made of PVC, Silicon,
Teflon Coated & SS Braded.

Applications :

Plastic processing machineries, Injection Moulding Machines, Engine Cylinder heads and oil pumps, bearing, pipelines & tanks. Energy & power plants, chemical industries, food & beverage industries, sanitary, heating & air conditioning technology.

Thermocouple

Construction Features :

Enclosure : Die Cast Aluminum

Protection : IP, Flameproof Grade IIA, IIB & IIC

Sensor Element : J, K, E, T, N (Simplex or Duplex)

J (Fe-CuNi)- 800° C

K (Nicr - Ni)- 1200° C

E (Nicr - CuNi)- 800° C

T (Cu - CuNi) - 400° C

N (NiCrSi-NiSi)- 1200° C

Cold End : Terminated in to ceramic terminal block

Stem Material : SS 316 / SS 304, Inconel, Monel, Haystallo

Stem Dia. : 6mm, 8mm, 10mm & 12mm

Stem Length :300mm Standard

Hot Junction : Ungrounded unless specified

Configuration : 2 wire, 3 wire & 4 wire

Connection : ¼", 3/8", ½" BSP / NPT Adjustable.

Range : 0°C to 1200°C

Optional Features :

Head mounted transmitter can be mounted

'L' Shape or any other shape available on request.

Applications :

Machinery, Plant & Tank, Construction, energy & power plant, chemical industries, Sanitary, heating & air conditioning.



Manometers



Construction Features :

Acrylic single limb manometer Range : 50, 100, 150, 200, 250, 300, 400, 500 & 600 mmHzO

Acrylic 'U' Tube manometer Range : 50-0-50, 100-0-100, 150-0-150, 200-0-200, 250-0-250 mmHzO

Acrylic Indined manometer

(Easy reading of low pressure) Range : 10, 12, 15, 25, 50, 75, 100 mmHzO

Metalic single limb & Glass 'U' Tube

Manometer Wall & Stand mounted available Range : 100, 150, 200, 250, 300, 400, 500, 700 & 1000 mmHzO

Pressure Transmitter



Construction Features :

Pressure Range : 50, 100, 200, 300, 500, 1000,
3000, 5000, 10000 psi

Accuracy : $\pm 0.25\%$ of FS

Media Compatibility : Fluids compatible with 17-4 PH stainless steel

Pressure Cycles : > 10 million

Pressure Overload : 2 times rated pressure without calibration shift

Burst Pressure : 5 times rated pressure

Long term stability : $\pm 0.25\%$ FS typical (12 months)

Temperature : -40°C to 125°C

Digital Pressure Gauges



Construction Features :

Selection of : Kg/Cm², Bar, PSI, KPa, mm WC,

Engineering Units : mm Hg, In WC, In Hg

Enclosure : Aluminium Anodised, Light Weight / SS 304

Display : 8 x 2 Dot matrix display, shows Pressure, unit & low batt.

Media : It works with any media that will not adversely affect SS 316

Accuracy : $\pm 0.15\%$ & 0.5% or better of full scale at calibrated temperature

Power : Standard 9 V 150 mAh, Ni MH with charger or 230 VAC, 50 Hz

Connection : 1/4 BSP Male (others on request)

Over pressure : 130% of specified range

Temperature : Storage : -40 to 85°C

Operating : -40 to 85°C

4-20 mA : Available (Optional)

SPDT Relay output : Available (Optional) Provides 2 adjustable SPDT relay

Diaphragm seals : Various size, style and MOC available

Supcon



Construction Features :

Features	R1000	R3000	R4000
Display	STN (LED)	5.6" TFT (CCFL)Color	5.6" TDF (CCFL) Monochromatic
Input Type	Universal (T/C, RTD, 4-20 mA, mV, V)	Universal (T/C, RTD, 4-20 mA, mV, V)	Universal (T/C, RTD, 4-20 mA, mV, V)
Accuracy	±0.2%	±0.2%	±0.2%
Alarm Output	4	12	12
Power Supply	3CH (30mA/CH)	3CH (50mA/CH)	3CH (50mA/CH)
Totalizer	YES	YES	YES
Temperature & Pressure	1 Group	3 Group	3 Group
Compensation			
Communication	RS232 / 485	RS232 / 485	RS232 / 485
Internal Memory	3M bit FLASH	8/16 Mbyte NAND FLASH	8/16 Mbyte NAND FLASH
External Memory	-	64/128 M CF Card	64/128 M CF Card
Power	85~264V AC 20-30V DC	85~264V AC 20-30V DC	85~264V AC 20-30V DC

Bimetal Temp. Gauges Application :

Domestic & industrial heating system, hot water boiler, power plant, food & beverage industries, pharmaceutical industry etc.

Pressure Switches



Explosion Proof Pressure Switch

Technical Specification :

Product and Description : Flame proof pressure switch Exd IP65
 Product Code : STF
 Range : As required
 Sensing Elements : Diaphragm / Piston SS316L
 wetted Part: SS 316
 Enclosure: Flame proof Exd IIA IIB Certified By ERTL , BIS & CCOE
 Protection : IP65
 Enclosure: Die cast Aluminum
 Micro switch – SPDT/ 2 SPDT Contact
 Electrical rating:5A / 15A 250V AC ,
 Repeatability: + - 1% of FS
 Scale accuracy: +-3% of FS
 Differential : Fixed / Adjustable Type
 Process Connection: 1/4" BSP(F)
 Cable entry: 3/4" ET
 Mounting: Wall / Pipe
 NOTE: Range & differential value refer attached chart



MINIATURE Pressure Switch

Technical Specification :

Product Code: STM
 Range: As required
 Sensing Elements: Diaphragm
 wetted Part: SS 316
 Micro switch – SPST Contact
 Electrical rating: 5A 250V AC ,
 Differential : Fixed
 Process Connection: 1/4" BSP(F)
 Mounting: Direct



Weather Proof DP Switch

Technical Specification :

Product Code: STWDP
 Range: As required.
 Sensing Elements: SS Diaphragm SS316L
 wetted Part: SS 316
 Enclosure: Weather proof
 Protection : IP65
 Enclosure: Die cast Aluminium
 Micro switch – SPDT/ 2SPDT Contact
 Electrical rating: 5A /15A 250V AC ,
 Repeatability: + - 1% of FS
 Scale accuracy: +-3% of FS
 Differential : Fixed Type
 Process Connection: 1/4" BSP(F)
 Cable entry: 3/4" ET
 Mounting: Wall / Pipe



Weather Proof MINIATURE Pressure Switch

Technical Specification :

Product Code: STWM
 Range: As required
 Sensing Elements: Diaphragm/ Pisto n S S316L
 wetted Part: SS 316
 Enclosure: Weather proof
 Protection : IP65
 Enclosure: Die cast Aluminum Min.----Max.
 Micro switch – SPDT Contact 1 to 10 Diaphragm
 Electrical rating: 5A 250V AC , 2 to 25 Diaphragm
 Differential : Fixed
 Process Connection: 1/4" BSP(F) 5 to 75 Piston
 Cable entry: PG9
 Mounting: Direct



Weather Proof Pressure Switch

Technical Specification :

Product Code: STWF
 Range: As required
 Sensing Elements: Diaphragm /Piston SS316L
 wetted Part: SS 316
 Enclosure: Weather proof
 Protection : IP65
 Enclosure: Die cast Aluminum
 Micro switch – SPDT / 2SPDT Contact
 Electrical rating: 5A / 15A 250V AC ,
 Repeatability: + - 1% of FS
 Scale accuracy: +-3% of FS
 Differential : Fixed / Adjustable Type
 Process Connection: 1/4" BSP(F)
 Cable entry: 3/4" ET
 Mounting: Wall / Pipe
 NOTE: Range & differential value refer attached chart



Weather Proof Pressure Switch Adjustable type

Technical Specification :

Product Code: STA
 Range: As required
 Sensing Elements: PB Bellows
 Enclosure: Weather proof
 Protection : IP65 Switching Range
 Enclosure: Die cast Aluminum
 Micro switch: SPDT Contact
 Electrical rating: 5A 250V AC
 Repeatability: + - 2% of FS
 Scale accuracy: +- 5% of FS
 Differential : Adjustable Type
 Process Connection: 1/4" BSP(F)
 Cable entry: 3/4" ET

TDS & Conductivity Meter



PHMeter :

Ideal For all pH testing , water purification application , wastewater regulation , aquaculture , hydroponics , colloidal silver , labs & scientific testing , pools & spas , ecology testing boilers & colling tower , 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 wate purification systems.

Conductivity Meter :

It is used for measuring the electrical conductivity of a solution. It works by applying voltages between two or more electrodes as a gauge of how many ions are in solution. Be aware that meters may give readings in E.C. , C.F. of ppm and some meters may do all three.



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 phospor bronze and which is not classified as a hazardous fluid.

Features :

M O C : Brass / Phosphor Bronze / Mild Steel / Plastic

Max. Operating Pressure : 10 Bar / 140 psi

Media Temperature : 1 to 100° C

Flow rate : M



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.



S.S. + M.S. Sight Glass

Sight glass is device used between any kind of non transparent pipelenes ta absolve the flaw of liquid. This can be used bath in harizantal well as vertical pipeline. sight glass is constructed in such a way that is gives a complete view from every angle

Features :

Type : Check Nut Type , Allen Key Type

Construction : S S 3004 , S S 316 & M. S. with Zinc Plated

Glass Pipe : Barasilicate Pipe . It is highly heat resistant

Packing : PTFE

Flange : ASA , DIN , IS or Any Standard Sizes is Available