



**T h e E n g i n e e r s
C h o i c e ...**

The Company

- ▶ Avalon Process Controls. began operations in 2017 backed by the superlative enterprising efforts of it's Production Manager, **Mr. Niyaz Siddiqui**. His vast industrial experience of over 08 years in the field of pneumatic instruments, which includes over two decades in the R&D and production departments of various leading manufacturers of pressure and temperature instruments, has contributed immensely to the company's growth.



Under One Roof

- ▶ Avalon Instruments boasts of comprehensive in-house facilities for the manufacturing of various types of Pressure, Temperature, Testing & Calibrating Equipments. The company's state-of-the-art manufacturing unit is located in the designated electronic zone at Industrial Estate in Gandhinagar, Gujarat.



Product.

Product Overview

Industrial Gauge

Dial Size (mm) : 63,80,100,150,250
 Accuracy : +/- 1.6 % & +/- 1 %
 Case & Bezel : SS 304
 Wetted Parts : SS 304 / SS 316 & Other on request
 Connection : 1/4", 1/8", 1/2" BSP/NPT (M) and other on request
 Range : Vacuum /0.6 to 2500 kg/cm2
 Liquid Filled : Glycerin or Dry
 Application : Chemical, Plastic, Paper
 Pneumatic control & Air conditioning



Homogenizer Gauge

Dial Size (mm) : 100, 150
 Accuracy : +/- 1 & 1.6 % F.S.D.
 Case & Bezel : SS 304
 Wetted Parts : Diaphragm SS 316L
 Connection : Homogenizer / With or Without Clamp
 Range : Up to 1000 kg/cm2
 Liquid Filled : Glycerin
 Application : Dairy, Food & beverages, Pharmaceutical



Economical Gauge

Dial Size (mm) : 50, 63, 80, 100, 150
 Accuracy : +/- 1.6 % & 2 %
 Case & Bezel : SS 304
 Wetted Parts : SS 304 / Brass
 Connection : 1/4", 1/8", 3/8", 1/2" BSP/NPT and other on request
 Range : Vacuum to 700 kg/cm2
 Liquid Filled : Glycerin or Dry
 Application : Chemical, Plastic, Paper
 Pneumatic control & Air conditioning



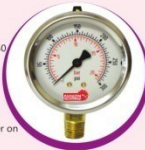
Diaphragm Sealed Gauge

Dial Size (mm) : 63, 100, 150
 Accuracy : +/- 1.6 % & +/- 1 %
 Case & Bezel : SS 304
 Wetted Parts : Diaphragm & PTFE Lining / Coating Wetted Parts Optional
 Connection : 1/4", 3/8", 1/2" BSP/NPT (M) and other on request
 Range : Vacuum to 700 kg/cm2
 Liquid Filled : Glycerin or Dry
 Application : Water Treatment, Pharmaceutical Plastic and Paper, chemical & Petrochemical



Commercial Gauge

Dial Size (mm) : 40,50,63,80,100,150,250
 Accuracy : +/- 2 % & 2.5 %
 Case & Bezel : Ms / SS 304
 Wetted Parts : Brass
 Connection : 1/4", 1/8", 3/8", 1/2" BSP/NPT (M) and other on request
 Range : Vacuum /1 to 700 kg/cm2
 Application : Air Conditioning & Pneumatic Control



Low Pressure Capsule Type Gauge

Dial Size (mm) : 63, 100, 150
 Accuracy : +/- 2 % & +/- 2.5 %
 Case & Bezel : SS 304
 Wetted Parts : Capsule of SS 316
 Connection : 1/4", 3/8", 1/2" BSP/NPT(M)
 Range : (+/- 100 to 1000 MMWC) (10 mbar to 1000 mbar)
 Application : Gas Medium, Water treatment
 Chemical & Petrochemical



Bi Metal Temperature Gauge

Dial Size (mm) : 40, 50, 63, 100, 150
 Accuracy : +/- 1.6 %
 Case & Bezel : SS 304
 Wetted Parts : SS 304 / SS 316
 Connection : 3/8", 1/2", BSP/NPT (M)
 Range : -50 to +50 Up To 600 Deg C
 Element : Wounded Coil Of Bi Metal
 Application : Air Conditioning, feed & Beverage & Plastic and Paper, Chemical & Petrochemical



Triclover Gauge

Dial Size (mm) : 63, 100, 150
 Accuracy : +/- 1 % & 1.6 %
 Case & Bezel : SS 304
 Wetted Parts : Diaphragm SS 316
 Connection : 1-1/2", 2" TC end
 Range : vacuum /0.6 to 100 kg/cm2
 Liquid Filled : Glycerin or Dry
 Application : Pharmaceutical, Dairy and Food & Beverage, Chemical & Petrochemical



Product Overview

Comparison Tester Gauge

Type : Bench Type & Portable Type
 Range : Up to 2000 kg/cm2
 MOC : All Stainless Steel & Carbon Steel With Stainless Steel Parts.



Electric Contact Pressure Gauge

Dial Size (mm) : 100, 150
 Accuracy : +/- 1.6 %
 Case & Bezel : SS 304
 Wetted Parts : Bourdon Tube of SS 316
 Connection : 1/4", 1/8", 3/8", 1/2" BSP/NPT (M) and other on request
 Range : vacuum /0.6 to 1000 kg/cm2
 Contact : Magnetic Snapaction
 Contact Rating : 230 V AC, 1 Amp/48 V DC, 0.5 Amp
 Optional : Liquid Filled (Transformer Oil)
 Application : Chemical & Petrochemical, Water Treatment, Air conditioning Pump Pneumatic control system



Flanged End Diaphragm Gauge

Dial Size (mm) : 100, 150
 Accuracy : +/- 1 % & 1.6 %
 Case & Bezel : SS 304
 Wetted Parts : Diaphragm & Flange : SS 316
 Connection : 1/2" to 4" NB ANSI B16.5/ DIN/BS Flanges & Other on request
 Range : Vacuum /0.6 to 70 kg/cm2
 Optional : With Capillary & Liquid Filled
 Application : Chemical & Petrochemical



Gas Actuated Temperature Gauge

Dial Size (mm) : 63, 100, 150
 Accuracy : +/- 1 %
 Case & Bezel : SS 304
 Wetted Parts : SS 304 / SS 316
 Connection : 3/8", 1/2" BSP/NPT
 Range : -50 to +50 up to 600 Deg C
 Element : Gas Actuated
 Optional : With capillary, Thermovell, Electric Contact, Liquid Filled
 Application : Chemical & Petrochemical & Plastic and paper



Test Pressure Gauge

Dial Size (mm) : 150, 200, 250
 Accuracy : +/- 0.5 % & +/- 0.25 %
 Case & Bezel : SS 304
 Wetted Parts : SS 316
 Connection : 3/8", 1/2" BSP/NPT (M) and other on request
 Range : Vacuum /0.6 to 1000 kg/cm2
 Application : Calibration & Testing



Thremowells

Construction : Fabricated and Bar stock
 Connection : Threaded Type Or Flange end Type
 MOC : SS 304 / SS 316
 Inst. Connection : 1/2", 3/8" BSP/NPT (F)



Accessories for Pressure Gauge

- * Snubber / Pulsation Dampener
- * Gauge Saver
- * Gauge Protector
- * Syphon Tube
- * Gauge Cock / Isolation Valve
- * Manifold
- * Needle Valve
- * MOC : SS 304 / SS 316



SMS Gauge

Dial Size (mm) : 100, 150
 Accuracy : +/- 1 % & 1.6 %
 Case & Bezel : SS 304
 Wetted Parts : Diaphragm : SS 316
 Connection : SMS Union nut & Male Thread
 Range : vacuum to 60 kg/cm2
 Application : Dairy, Pharmaceutical
 Chemical & Petrochemical & Plastic and Paper



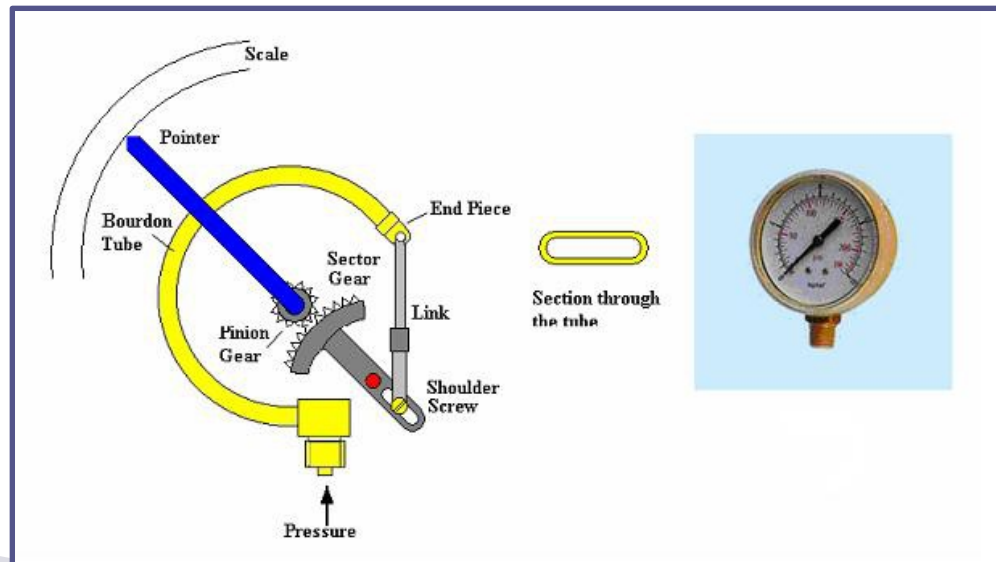
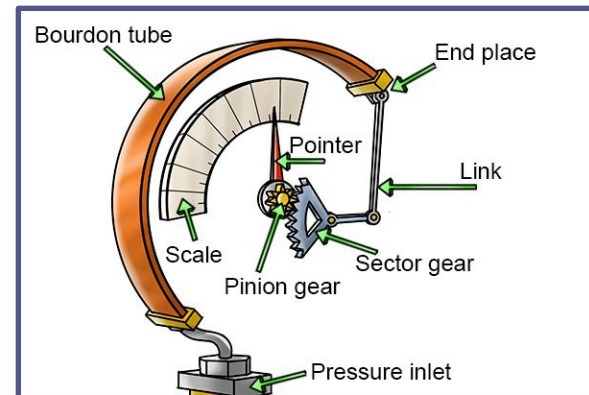
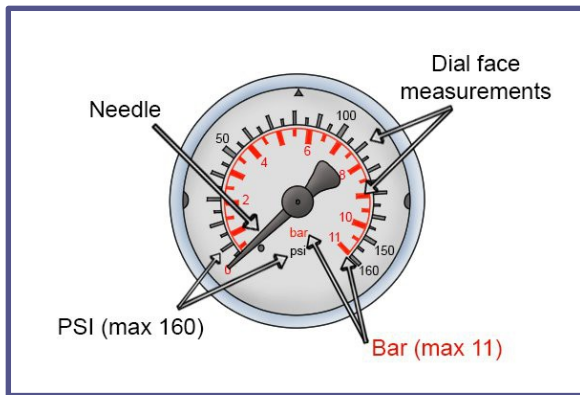
Other Product Range

- ▶ Oxygen & Acetylene Gauges
- ▶ CNG & LPG Gauges
- ▶ Diaphragm Flanges Seales Gauges
- ▶ Freon Gauges
- ▶ Ammonia Gauges
- ▶ Low Pressure Capsule Gauges
- ▶ Different type of Sealed Gauge
- ▶ Custom Dial Scale Marking

Mfg. off All Types Of Pressure Gauge & Accessories
job work and General Order suppliers.



Working Function Diagram

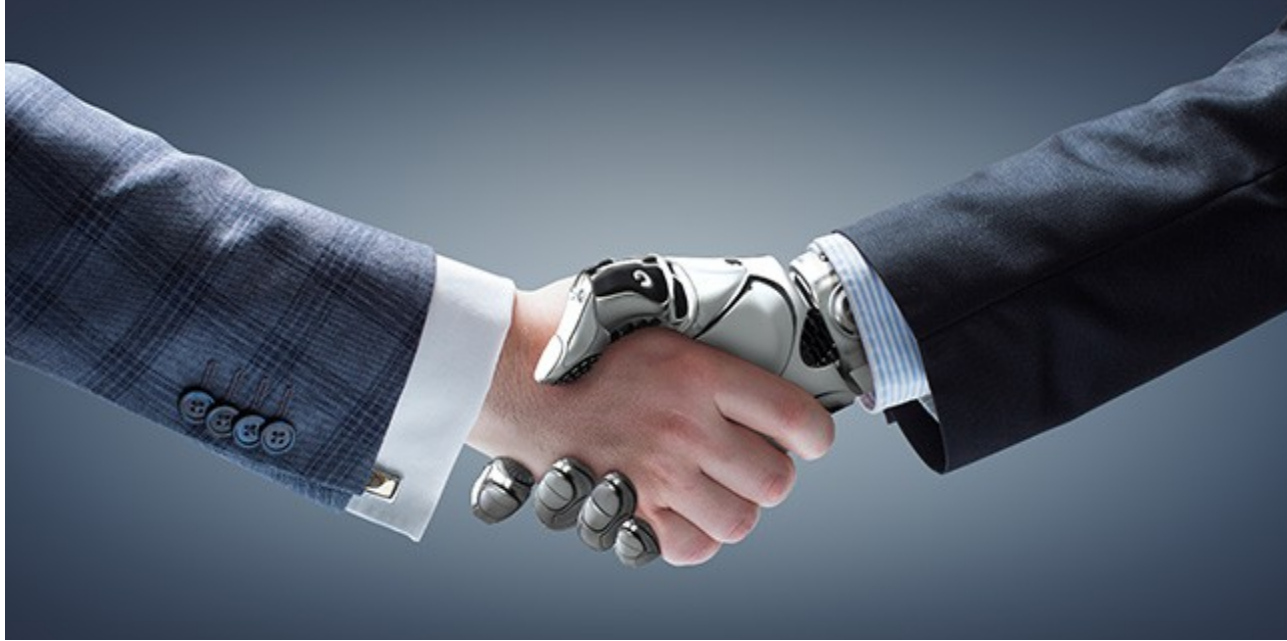


Gauge Meter Application



Get in Touch with us.





Thank U... .

