



GENERAL PURPOSE GAUGES



These gauges are suitable for Air, Oil, Gases and Liquids that are not corrosive to copper, oil and steel and for general Industrial Applications such as Boilers, Pumps, Compressors, machinery, Process & Chemical Plants. Case and Bezel is drawn steel, black finish and available in Bottom, Back Connection, Direct Mounting, Surface Mounting and Flush Panel Mounting; available in all standard process connections NPT, BSP etc. ; Accuracy $\pm 2\%$; Dial Size 40, 50, 63, 80, 100, 150 and 250mm.

DIAPHRAGM TYPE GAUGES



These gauges are suitable for use on corrosive gases and liquids. Diaphragm Materials of Stainless steel with Teflon protection; Case Material of pressure die cast aluminium, steel or stainless steel. Wetted parts of Stainless Steel, Mild Steel. Available in all standard process connections NPT, BSP etc ; Accuracy $\pm 1\%$ Dial Size 100mm and 150mm. Pressure Range from 40 millibar to 600 millibar and 0-1 kg/cm² upto 0-21 kg/cm². Also Vacuum and Compound.

AEROSEA EXPORTS PVT. LTD.

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INDUSTRIAL GAUGE IN WEATHERPROOF DIE CAST ALUMINIUM CASE



These gauges are ideal for Chemical and Fertilizer Plants, Refineries, Power Stations and where gauges are installed outdoors. Measuring System of Phosphor Bronze, Brass, SS 316 are available. Case of die cast aluminium with screwed bezel black epoxy coated. Exclusive protection IP55; Accuracy $\pm 1\%$, Dial Size 100, 150 and 250mm; available in all standard process connections. Available in all standard ranges vacuum and pressure upto 1000 kg/cm² standard connection 1/2" NPT & 1/2" BSP, other standards are also available. Receiver Gauge input 1 kg/cm².

LOW PRESSURE CAPSULE GAUGE GAUGES WEATHERPROOF CAST ALUMINIUM CASE



These gauges are suitable for low pressure measurement of non-corrosive gases, commercial heating, gas distribution and filtration. Measuring System of Brass or SS 304 Capsule. Case Material cast aluminium. Available in pressure range 0-50 mm WC upto 1000 mm WC in pressure, vacuum and compound ranges. Available in all standard process connections NPT, BSP etc. ; in dial sizes 100 mm and 150 mm Accuracy $\pm 2\%$.

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INDUSTRIAL GAUGE IN S.S. CASING WITH OR WITHOUT LIQUID FILLING



These gauges are ideal where pressure gauge is subjected to severe conditions. The filled liquid protects the internal parts against vibrations and also lubricates and protects from environmental conditions. The case is manufactured in Stainless steel or Mild Steel and it is filled with Glycerine or Silicon Oil. Available in Dial Size 63, 100 and 150 mm with Accuracy $\pm 1\%$ or $\pm 2\%$. Measuring system of phosphor bronze, brass, SS or Monel manufactured in standard pressure ranges from 0-1 kg/cm². Available in all standard process connections NPT, BSP etc.; Pressure, Vacuum, Compound and Receiver Gauges also available.

CONTACT GAUGES



Suggested where application calls for control of pressure and for audible or visible alarms. Gauges are provided with single, double or triple contacts adjustable throughout the range with different mode of switching action. Choice of low action normal contact, snap action magnetic contact or inductive contact, manufactured in Bottom/Back connection and Direct/Surface/Panel mounting. Available in Dial size 100 mm and 150 mm and in all standard ranges. Electrical contact can be supplied in our type number 3, 4, 6 and 12.

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DIAPHRAGM SEALED GAUGES



Recommended where fluid is highly corrosive, contaminated, viscous or liable to crystallize inside measuring system. The gauge above the diaphragm seal is filled with silicon oil that transmits the pressure acting on the diaphragm to bourdon tube. Diaphragm is welded to the upper part of sealed unit and therefore it is possible to separate the upper and lower parts to clean the diaphragm without removing the gauge. Diaphragm can be ANSI 316, Tantalum, Hastelloy C and Monel. Pressure gauge can be of type 1, 3 and 5 and process connection with Standard threads or flanged connection conforming to ANSI, BS or DIN Specifications. Available in dial size 100 mm and 150 mm, Accuracy $\pm 1\%$ in all standard ranges.

CONTACT GAUGES



Suggested where application calls for control of pressure and for audible or visible alarms. Gauges are provided with single, double or triple contacts adjustable throughout the range with different mode of switching action. Choice of low action normal contact, snap action magnetic contact or inductive contact, manufactured in Bottom/Back connection and Direct/Surface/Panel mounting. Available in Dial size 100 mm and 150 mm and in all standard ranges. Electrical contact can be supplied in our type number 3, 4, 6 and 12.

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COMPACT CAPSULE GAUGES



These gauges are ideal for measurement of very low pressure or vacuum normally Air or Gas and measuring media should not be corrosive to brass & phosphor bronze material. Available in dial size 63, 100 and 150 mm with choice of mounting and connection M.S. case or cast aluminium weatherproof case. Accuracy of 63 mm $\pm 3\%$ and 100 and 150 mm $\pm 2\%$ Standard pressure range in mmWC, mbar and inches of water column. Available in ranges from 25 mbar upto 400 mbar. Standard ranges 0 to 25 mbar, 0 to 40 mbar, 0 to 60 mbar, 0 to 100 mbar, 160, 250, 400 bar. Pressure or vacuum other units / scale also available.

TEST GAUGES



They are used in laboratories for testing and inspection of other gauges as well as for high accuracy measurement. Available with Accuracy $\pm 0.5\%$ and $\pm 0.6\%$ in type 8 and $\pm 0.25\%$ of F.S.D in type 9. Each gauge is tested on a Dead weight Tester and Test Certificate of Calibration TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS is given along with each gauge. Available in dial size 150 and 250 mm manufactured in all standard ranges in pressure or vacuum in kg/cm^2 , psi and bar.

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DIFFERENTIAL PRESSURE GAUGES



Consisting of two bourdon tubes, one for high and one for low pressure line and the pointer of the instrument gives direct reading of differential pressure. Each bourdon tube can take maximum pressure of 1.3 times the maximum range shown on the dial. Manufactured in dial size 150mm and with pressure range from 0 - 1 kg/cm² upto 1000 kg/cm² and with accuracy $\pm 1\%$.

DIAPHRAGM SEALS

Various Types of Diaphragm Seals like Threaded Connection, Flanged, Clamp Connection, Sanitary etc.



ACCESSORIES

Various Types of Accessories like Gauge Savers, Gauge Cocks, Pressure Snubbers, Pulsation Dampners, Syphons etc.



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