



Product

Catalogue



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About Us

Our production facility are located in Ahmedabad, Gujarat. This vertically integrated facility is ISO 9001:2015 and ZED(Bronze) certified. It includes production, projects, design & development, customer service, sales & marketing resource management, and more.

Our dedication to ensuring the happiness of our customers has motivated us to adopt best manufacturing methods like "Lean Six Sigma," which allows us to shorten lead times, maximize resource utilization to cut costs, and continuously enhance our processes and product quality. We produce pressure measuring instruments ranging from 2" To 10" Dial size and pressure up to 4000 bar and temperature measuring instruments ranging from -200°C up to 1200°C.

Even the most complex application and technical problems can be solved by our team of technical and support experts. We are skilled in offering you specialized pressure and



Why Choose Us

Even the most complex application and technical problems can be solved by our team of technical and support experts. We are experts in offering you specialized pressure and temperature measurement systems.

Our dedication to ensuring the happiness of our customers has motivated us to adopt best manufacturing methods like "Lean Six Sigma," which allows us to shorten lead times, maximize resource utilization to cut costs, and continuously enhance our processes and product quality.

:- Quality You Can Trust

:- Delivery Ontime

:- Certified Engineers

:- Customer Support

Our Export Locations

Bell's Engineering having a wide distribution network and partnerships in various countries, along with certifications ensuring international quality and safety standards, Bell's





Model No.: BEM22GFG

Glycerin Filled Gauges

Nominal Size : 40/50/63/100/150/200 & 250mm

Accuracy : $\pm 1\%$ of Full Scale

Case & Bezel : SS 304. Crimp / Snap Action Bayonet type

Wetted Parts : SS 304. SS 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 : 40/50/63/100/150/200 & 250mm

Accuracy : $\pm 1\%$ of Full Scale

Case & Bezel : SS 304. Crimp / Snap Action Bayonet type

Wetted Parts : SS 304. SS 316 & Brass

Mounting : Bottom / Surface / Panel / Flush Mounting

Scale Range : Vacuum, Compound & Pressure upto 2500 Kg/cm²

Application : Generally used for Corrosive Gases & Liquid Media



Model No.: BEM22WPG



Model No.: BEM22DSG

Diaphragm Sealed Gauges

Nominal Size : 50/63/100/150/200 & 250mm

Accuracy : $\pm 1.6\%$ of Full Scale

Case & Bezel : SS 304, Snap Action Bayonet type

Wetted Parts : SS 304, SS 316, SS 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



Model No.: BEM22CPG

Schaffer + Capsule Gauge + Low Pressure Diaphragm

Nominal Size : 100/150/200 & 250mm

Accuracy : ± 1.6 % of Full Scale

Case & Bezel : SS 304. Crimp / Snap Action Bayonet type

Wetted Parts : SS 304, S S 316, S S 316L

Mounting : Bottom

Scale Range : 250 to 6000 MMW.C.....1 to 21 Kg/cm²

Application : Generally used for Low Pressure Measurement
& Slurry Media

Differential Pressure Gauges

Nominal Size : 63, 100 & 150 mm

Accuracy : + 1.6 % of Full Scale

Case & Bezel : SS 304, Snap Action Bayonet type

Wetted Parts : SS 304, SS 316

Mounting : Bottom Direct / Surface / Pipe Mounting

Scale Range : 250 to 6000 mmW.....1 to 21 Kg/cm²

Application : Air, Gas & Filter Application



Model No.: BEM22DPG

Electrical Contact Gauges

Nominal Size : 100 & 150 mm

Accuracy : ± 1 % of Full Scale

Case & Bezel : SS 304, Snap Action Bayonet type

Wetted Parts : SS 304, SS 316

Mounting : Bottom / Surface / Panel / Flush Mounting

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

Application : Control & Regulation of Industrial Process



Model No.: BEM22EPG



Model No.: BEM22MPG/TG

Precision Master + Test Gauges

Nominal Size : 150,200 & 250mm

Accuracy : $\pm 0.25\%$ & $\pm 0.5\%$ of Full Scale

Case & Bezel : SS 304, Snap Action Bayonet type

Wetted Parts : SS 304, SS 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

MS/SS Utility Gauges

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

Accuracy : + 2% of Full Scale

Case & Bezel : Drawn steel Black Powder Coated/SS304

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...



Model No.: BEM22UPG

Mercury + Bi-Metal Temp. Gauges

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

Accuracy : $\pm 1\%$ & + 1.6 of Full Scale

Case & Bezel : SS 304, Snap Action Bayonet type

Wetted Parts : SS 304, S S 316,

Mounting : Bottom / Surface / Panel / Flush Mounting / Remote

Scale Range : -30° to 50° C to 650° C or Equivalent of

Application : in all Process Industries for Temp. Measurement



Model No.: BEM22BMT/FTG



Model: BEM22DWT/CT

Dead Weight + Comparison Tester

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

Available Range : 2.5 upto 1000 Ka/cm

Accuracy : + 0.05 & + 0.1 %

Comparison Taster is intended to Compare the Pressure Instruments with Masters.

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

Pressure Gauges Accessories

- Snubber** : For suppress the effect of sudden pressure pulses and fluctuation of pressure peaks
- Gauge Saver** : Used for Project 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
- Thermowell** : Serves as a protective barrier between a thermometer and the process media.



Digital Pressure Gauges

Nominal Size : 63 & 100 mm

Accuracy : + 0.25 % & 0.15 % of Full Scale

Case & Bezel : ABS Plastic & Aluminum Anodize

Wetted Parts : SS 304L / S S 316L

Scale Range : -1 to 700 Kg/cm²

Battery Life : 2 Years Power Saving Mode / 1000 Hrs. Cont...

Application : Generally used for Corrosive Gases & Liquid Media & For Calibration lab use



Model: BEM22DIPG



Model: BEM22RTD/TC

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** : SS 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

Our Valuable Customer



**AM/NS
INDIA**



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