

All Types of Pressure | Compound & Vacuum Gauges



Japsin Instrumentation™



**JI-CPG Commercial Gauge**



**JI-SBPG SS Case & Brass Gauge**



**JI-EPG Economical Gauge**



**JI-IPG Industrial Gauge**



**JI-SCPG Schaffer's Diaphragm Gauge**



**JI-IBCPG Inner - Built Capsule Gauge**



**JI-DF-PG Differential Gauge**



**JI-DUPLEX-PG Duplex Gauge**



**JI-LP-DFG Draft/Draught Gauge**



**JI-EC-PG Electrical Contact Gauge**



**JI-MPG Master Gauge**



**JI-MDPG Magnetic Differential Gauge**



**JI-TC-PG Triclover / Sanitary Gauge**



**JI-MUD-PG Mud Gauge**



**JI-PLC-PG Phenolic Gauge**



**JI-SDPG Sealed Diaphragm Gauge**



**JI-SOLID Solid Front Gauge**



**JI-TPG Test Gauge**



**JI-MCLEOD Gauge**



**Homogenizer Gauge**

Model: JI-CPG | JI-SSBG | JI-EPG

Pressure/Vacuum/Compound Gauges



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Models	JI-CPG	JI-SSBG	JI-EPG
<b>Description</b>	Commercial Pressure Gauge Bourdon Tube CE Marking / Without Glycerin MS Case & Brass Internals General Purpose Gauge	SS Case & Brass Wetted Parts Pressure Gauge Bourdon Tube CE Marking (Two Part System) Dry & Glycerin Filled (Optional)	Economical Pressure Gauge Bourdon Tube CE Marking Two Part & Join Argon Welded (Optional) Dry & Glycerin Filled (Optional)
<b>Nominal Dial Size</b>	DN 40   DN 50   DN 63   DN 100   DN150   DN 200   DN 250	DN 50   DN 63   DN 100   DN150   DN 200   DN 250	DN 63   DN 100
<b>Accuracy</b>	+/-2% FSD	+/-2% FSD	+/-1.6% FSD
<b>Type of Mounting</b>	Direct Bottom Surface Bottom Direct Back Panel Back Back with Bracket	Direct Bottom Surface Bottom Direct Back Panel Back Back with Bracket	Direct Bottom Surface Bottom Direct Back Panel Back Back with Bracket
<b>Process Connection</b>	1/4" BSP (M)   3/8" BSP (M)	1/4" BSP (M)   3/8" BSP (M)	1/4" BSP (M)   3/8" BSP (M)
<b>Wetted Parts</b>	Copper Alloy   Brass	Brass	SS 304
<b>Case Material</b>	Mild Steel Powder Coated	Stainless Steel 304	Stainless Steel 304
<b>Case Type</b>	Push Fit	Crimping   Bayonet	Crimping   Bayonet
<b>Pointer</b>	Black Aluminum	Black Aluminum	Black Aluminum
<b>Protection Class</b>	IP 32	IP 65	IP 65
<b>Ref. Standard</b>	EN 837-1	EN 837-1	EN 837-1
<b>Window</b>	Acrylic	Acrylic   Plexi	Acrylic   Plexi
<b>Joint Welding</b>	Two Parts	Two Parts	Two Part   Argon Welded
<b>Max Temperature</b>	70 Deg C	70 Deg C	170 Deg C
<b>Glycerin Option</b>	N.A	Optional (Y/N)	Optional (Y/N)
<b>Optional</b>	For Oxygen For Freon/Ammonia	For Oxygen For Freon/Ammonia	For Oxygen For Freon/Ammonia
<b>Standard Ranges</b>	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 0 to 56 Kg/Cm2 0 to 70 Kg/Cm2 0 to 106 Kg/Cm2 0 to 140 Kg/Cm2 0 to 210 Kg/Cm2 0 to 280 Kg/Cm2	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 0 to 56 Kg/Cm2 0 to 70 Kg/Cm2 0 to 106 Kg/Cm2 0 to 140 Kg/Cm2 0 to 210 Kg/Cm2 0 to 280 Kg/Cm2 0 to 420 Kg/Cm2 0 to 700 Kg/Cm2	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 0 to 56 Kg/Cm2 0 to 70 Kg/Cm2 0 to 106 Kg/Cm2 0 to 140 Kg/Cm2 0 to 210 Kg/Cm2 0 to 280 Kg/Cm2 0 to 700 Kg/Cm2 0 to 1000 Kg/Cm2
<b>Dual Scale</b>	PSI	PSI	PSI

Model: JI-IPG | JI-SCPG | JI-IBCPG

Pressure/Vacuum/Compound Gauges



Japsin Instrumentation™



Models	JI-IPG	JI-SCPG	JI-IBCPG
<b>Description</b>	Industrial Heavy Duty Pressure Gauges Bourdon Tube CE Marking Micro-Adjustable Pointer Bayonet Type Case Stainless Steel 316L Wetted Parts	Schaffer's Diaphragm Capsule pressure Gauge Upper Chamber: 304 / M.S. Diaphragm Material: SS 316L Bottom Chamber: SS 316 / SS 304	Inner-Built Capsule Pressure Gauge Suitable for Low Ranges Units Available are in mmWc  mBar  inWc MOC SS 304 & SS 316
<b>Nominal Dial Size</b>	DN 40   DN 50   DN 63   DN 100   DN150   DN 200   DN 250	DN 100   DN 150   DN 200	DN 63   DN 100   DN 150
<b>Accuracy</b>	+/-1% FSD	+/-1.6% FSD	+/-1.6% FSD
<b>Type of Mounting</b>	Direct Bottom Surface Bottom Direct Back Panel Back Back with Bracket	Direct Bottom	Direct Bottom
<b>Process Connection</b>	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)
<b>Wetted Parts</b>	SS 316L	SS 316L	SS 316L
<b>Case Material</b>	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304
<b>Case Type</b>	Bayonet Type	Bayonet Type	Bayonet Type
<b>Pointer</b>	Micro-Adjustable	Micro-Adjustable	Micro-Adjustable
<b>Protection Class</b>	IP 65   68	IP 65	IP 65
<b>Ref. Standard</b>	EN 837-1	EN 837-1	EN 837-1
<b>Window</b>	Acrylic   Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass
<b>Joint Welding</b>	Argon Welded Join	Two Part   Argon Welded	Two Part   Argon Welded
<b>Glycerin Option</b>	Optional (Y/N)	Optional (Y/N)	Optional (Y/N)
<b>Optional</b>	For Oxygen For Freon/Ammonia	For Oxygen For Freon/Ammonia	For Oxygen For Freon/Ammonia
<b>Standard Ranges</b>	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm <sup>2</sup> -760 mmHg to 2.1 Kg/cm <sup>2</sup> -760 mmHg to 4.2 Kg/cm <sup>2</sup> -760 mmHg to 7 Kg/cm <sup>2</sup> -760 mmHg to 10.6 Kg/cm <sup>2</sup> 0 to 1.06 Kg/Cm <sup>2</sup> 0 to 2.1 Kg/Cm <sup>2</sup> 0 to 4.2 Kg/Cm <sup>2</sup> 0 to 7 Kg/Cm <sup>2</sup> 0 to 10.6 Kg/Cm <sup>2</sup> 0 to 14 Kg/Cm <sup>2</sup> 0 to 17.5 Kg/Cm <sup>2</sup> 0 to 21 Kg/Cm <sup>2</sup> 0 to 28 Kg/Cm <sup>2</sup> 0 to 35 Kg/Cm <sup>2</sup> 0 to 42 Kg/Cm <sup>2</sup> 0 to 56 Kg/Cm <sup>2</sup> 0 to 70 Kg/Cm <sup>2</sup> 0 to 106 Kg/Cm <sup>2</sup> 0 to 140 Kg/Cm <sup>2</sup> 0 to 210 Kg/Cm <sup>2</sup> 0 to 280 Kg/Cm <sup>2</sup> 0 to 420 Kg/Cm <sup>2</sup> 0 to 700 Kg/Cm <sup>2</sup> 0 to 1000 Kg/Cm <sup>2</sup> 0 to 1600 Kg/Cm <sup>2</sup> 0 to 2000 Kg/Cm <sup>2</sup>	-500 to 500 mmWc 0 to 500 mmWc 0 to 600 mmWc 0 to 800 mmWc 0 to 1000 mmWc 0 to 1600 mmWc 0 to 2000 mmWc 0 to 3000 mmWc 0 to 4000 mmWc 0 to 6000 mmWc 0 to 7 Kg/Cm <sup>2</sup> 0 to 10.6 Kg/Cm <sup>2</sup> 0 to 28 Kg/Cm <sup>2</sup>	500 to 500 mmWc 0 to 500 mmWc 0 to 600 mmWc 0 to 800 mmWc 0 to 1000 mmWc 0 to 1600 mmWc 0 to 2000 mmWc 0 to 3000 mmWc 0 to 4000 mmWc 0 to 6000 mmWc 0 to 7 Kg/Cm <sup>2</sup> 0 to 10.6 Kg/Cm <sup>2</sup> 0 to 28 Kg/Cm <sup>2</sup>

Model: JI-DF-PG | JI-DUPLEX-PG |  
JI-LP-DFG  
Pressure/Vacuum/Compound Gauges



**Japsin**  
**Instrumentation™**



Models	JI-DF-PG	JI-DUPLEX-PG	JI-LP-DFG
<b>Description</b>	Single Diaphragm Differential Pressure Gauge Suitable for Measuring 2 Ports Differential Pressure	Duplex Pressure Gauge features two pointers which makes it possible to measure pressure from two different inputs on a single gauge.	Draft Gauge helps technicians to quickly and accurately measure draft.
<b>Nominal Dial Size</b>	DN 100   DN150	DN 100   DN 115	150 mm X 78 mm
<b>Accuracy</b>	+/-1.6% FSD	+/-1.6% FSD	+/-1.6% FSD
<b>Type of Mounting</b>	Flush Type Panel Mounted Bottom Entry	Direct Bottom Direct Back Stem  Surface or Flush	Back connection panel mounted
<b>Process Connection</b>	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)
<b>Wetted Parts</b>	SS 316L	SS 316L	SS 316L
<b>Case Material</b>	Stainless Steel 304	Stainless Steel 304	Case Fabricated steel case with black stove colour finish
<b>Case Type</b>	Bayonet Type	Bayonet Type	Rectangular Body
<b>Pointer</b>	Mircro-Adjustable	Mircro-Adjustable	Mircro-Adjustable
<b>Protection Class</b>	IP 65   68	IP 65	IP 65
<b>Ref. Standard</b>	EN 837-1	EN 837-1	EN 837-1
<b>Window</b>	Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass
<b>Joint Welding</b>	Argon Welded Join	Argon Welded	Two Part   Argon Welded
<b>Glycerin Option</b>	Optional (Y/N)	Optional (Y/N)	N.A
<b>Optional</b>	With Bracket	-	For Oxygen For Freon/Ammonia
<b>Standard Ranges</b>	25 Inches of WC to 35 psi 60 mbar to 2.5 bar	0 to 400 Bar 0 to 700 Bar	-25 to 25 mmWc -50 to 50 mmWc -100 to 100 mmWc 0 to 25 mmWc 0 to 50 mmWc 0 to 100 mmWC 0 to 200 mmWc 0 to 300 mmWc 0 to 400 mmWc 0 to 500 mmWc 0 to 1000 mmWc

Model: JI-EC-PG | JI-MPG | JI-TPG  
JI-MDPG  
Pressure/Vacuum/Compound Gauges



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Models	JI-EC-PG	JI-MPG   JI-TPG	JI-MDPG
<b>Description</b>	Contact pressure gauges switch contacts make or break the circuit dependent upon the pointer position of the indicating measuring instrument. The contacts open or close the circuit depending on the position of the indicating pointer and they are adjustable over the whole range.	Master   Test Gauges are the reference Precision measuring system. Anti-Parallax Mirror	Magnetic Differential Pressure Gauges are designed to measure the difference in pressure between two points (High And Low) in a system where a static pressure is very high.
<b>Nominal Dial Size</b>	DN 100   DN150	DN 150   DN 250	DN 63   DN 100 N   DN 150
<b>Accuracy</b>	+/-1% FSD	+/-0.25% FSD   +/- 0.5% FSD	+/-2% FSD   +/- 2.5% FSD
<b>Type of Mounting</b>	Direct Bottom   Direct Back	Direct Bottom	In line / Back / Direct Bottom
<b>Process Connection</b>	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" BSP (M)   3/8" BSP (M)   1/2" BSP (M)	1/4" NPT (Standard ) X 2
<b>Wetted Parts</b>	SS 316L	SS 316L	SS 316L   Aluminium
<b>Case Material</b>	Stainless Steel 304	Stainless Steel 304	SS 304   MS
<b>Case Type</b>	Bayonet Type	Bayonet Type	Crimping
<b>Pointer</b>	Mircro-Adjustable	Balanced knife edge	Mircro-Adjustable
<b>Protection Class</b>	IP 65   68	IP 65	IP 65
<b>Static Pressure</b>	-	-	100 Bar   400 Bar   700 Bar
<b>Window</b>	Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass
<b>Joint Welding</b>	Argon Welded   Two Part	Argon Welded	-
<b>Glycerin Option</b>	N.A	N.A	Optional (Y   N)
<b>Contacts</b>	1NO+1NC   1NO +1NC   2NO + 2NC   2NO+2NC	-	Reed Switch
<b>Contact Rating</b>	230V AC	-	230 V AC / 200 VDC
<b>Standard Ranges</b>	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 Upto 1600 Kg/Cm2	Vacc. -760 mmHg to 0 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 Upto 700 Kg/Cm2	0 to 0.25 Kg/Cm2 0 to 0.50 Kg/Cm2 0 to 0.75 Kg/Cm2 0 to 1.0 Kg/Cm2 0 to 1.5 Kg/Cm2 0 to 1.6 Kg/Cm2 0 to 2.0 Kg/Cm2 0 to 2.5 Kg/Cm2 0 to 3 Kg/Cm2 0 to 4 Kg/Cm2 0 to 5 Kg/Cm2 0 to 6 Kg/Cm2 0 to 7 Kg/Cm2 0 to 8 Kg/Cm2 0 to 10 Kg/Cm2 0 to 12 Kg/Cm2 0 to 50 Kg/Cm2

Model: JI-TRI-PG | JI-MUD-PG | JI-PH-PG

Pressure/Vacuum/Compound Gauges



Japsin Instrumentation™



Models	JI-TRI-PG	JI-MUD-PG	JI-PH-PG
<b>Description</b>	Stainless steel case & measuring system Laser Welded Diaphragm Dry and liquid filled version CE Marked Gauges Diaphragm Seal Integrally Built With Gauge Provides Best Hygiene Factor	Mud pressure gauges; are extremely accurate and widely used in the harshest drilling environments. Each of our mud pressure systems are designed to meet or exceed up to industrial standards.	Used were operator safety is must Highly corrosive media Ideally suited for process, chemical & petroleum Industries
<b>Nominal Dial Size</b>	DN 63   DN100	DN 115   DN 150	DN 115
<b>Accuracy</b>	+/-1.6% FSD	+/-1.6% FSD	+/- 0.5% FSD
<b>Type of Mounting</b>	Direct Bottom   Direct Back	Direct Bottom	Bottom
<b>Process Connection</b>	1" & 1.5" Tri-Clamp   2" Tri-Clamp	1   1½   2 inch BSP and NPT connections	½" BSP (M)
<b>Wetted Parts</b>	SS 316L	SS 316L	SS 316L   Monel
<b>Case Material</b>	Stainless Steel 304	Stainless Steel 304	PP Soild Front
<b>Case Type</b>	Bayonet Type	Bayonet Type	Clip Type
<b>Pointer</b>	Mircro-Adjustable	Mircro-Adjustable	Mircro-Adjustable
<b>Protection Class</b>	IP 65   68	IP 65	IP 65
<b>Reference Standard</b>	EN837-1	EN837-1	EN837-1
<b>Window</b>	Safety Glass   Shatterproof Glass	Acrylic   Safety Glass   Shatterproof Glass	Safety Glass
<b>Joint Welding</b>	Argon Welded   Two Part	Argon Welded	Two Part
<b>Glycerin Option</b>	Optional (Y   N)	Optional (Y   N)	-
<b>Standard Ranges</b>	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2	0 to 40 Kg/Cm2 0 to 100 Kg/Cm2 0 to 400 Kg/Cm2 0 to 1000 Kg/Cm2	-1 to Upto 2500 Kg/Cm2

**Model: JI-IHD-SDPG | JI-SOLID-PG  
Pressure/Vacuum/Compound Gauges**



**Japsin  
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Models	JI-IHD-SDPG	JI-SOLID-PG	JI-PH-PG
<b>Description</b>	Stainless steel case & measuring system Socket directly welded to case Dry and liquid filled version CE Marked Gauges The diaphragm is welded to the body to ensure separation of the filling fluid from the process medium	Used were operator safety is must Highly corrosive media Ideally suited for process, chemical & petroleum Industries	Homogeniser Pressure Gauge Welded Diaphragm Liquid Filled
<b>Types Available</b>	<b>Compact Diaphragm "I" Section Diaphragm</b>	-	-
<b>Nominal Dial Size</b>	DN 63   DN100   DN150	DN 115	DN 100
<b>Accuracy</b>	+/-1% FSD   +/-1.6% FSD	+/- 0.5% FSD	+/- 1.6% FSD
<b>Type of Mounting</b>	Direct Bottom   Direct Back	Direct Bottom   Direct Back	Bottom
<b>Process Connection</b>	1/2"   3/8" Thread Connection   Flange Connection	1/2"   3/8" Thread Connection	Homogeniser Connection
<b>Wetted Parts</b>	SS 316L	SS316L   Monel	SS 316L Seal Body
<b>Case Material</b>	Stainless Steel 304	Solid Front	SS 304 Case
<b>Case Type</b>	Bayonet Type	Bayonet Type	Bayonet Type
<b>Pointer</b>	Mircro-Adjustable	Mircro-Adjustable	Mircro-Adjustable
<b>Protection Class</b>	IP 65   68	IP 65   68	IP 65   68
<b>Reference Standard</b>	EN837-1	EN837-1	EN837-1
<b>Window</b>	Safety Glass   Shatterproof Glass	Safety Glass   Shatterproof Glass	Safety Glass
<b>Joint Welding</b>	Argon Welded	Argon Welded	Two Part
<b>Glycerin Option</b>	Optional (Y   N)	Optional (Y   N)	-
<b>Standard Ranges</b>	Vacc. -760 mmHg to 0 -760 mmHg to 1.6 Kg/cm2 -760 mmHg to 2.1 Kg/cm2 -760 mmHg to 4.2 Kg/cm2 -760 mmHg to 7 Kg/cm2 -760 mmHg to 10.6 Kg/cm2 0 to 1.06 Kg/Cm2 0 to 2.1 Kg/Cm2 0 to 4.2 Kg/Cm2 0 to 7 Kg/Cm2 0 to 10.6 Kg/Cm2 0 to 14 Kg/Cm2 0 to 17.5 Kg/Cm2 0 to 21 Kg/Cm2 0 to 28 Kg/Cm2 0 to 35 Kg/Cm2 0 to 42 Kg/Cm2 0 to 100 Kg/Cm2 0 to 400 Kg/Cm2 0 to 1000 Kg/Cm2	-1 to Upto 2500 Kg/Cm2	0 to 180 Kg/Cm2 0 to 280 Kg/Cm2 0 to 420 Kg/Cm2 0 to 700 Kg/Cm2