



Japsin
Instrumentation™



Japsin Instrumentation “JI” is serving the industry since 1974.

We are the Manufacturers, Suppliers & Exporters of Process Control Instruments.

“Ji” Instruments are widely accepted by public & private sector companies.

“Ji” products are CE approved & Our Organisation is ISO 9001:2015 Certified.

“Ji” Products includes:

- 1) Pressure Gauges
- 2) Temperature Gauges
- 3) Temperature Calibrators
- 4) Pressure Calibrators
- 5) Rotameter
- 6) Manometers
- 7) Comparison Pressure Test Pump
- 8) Dead Weight Testers
- 9) Level Gauges
- 10) Flow Instruments
- 11) Digital Instruments
- 12) Valves
- 13) Transmitter
- 14) Pressure & Temperature Recorders

All the instruments manufactured by us are CE Approved with world class Quality & Reliability.

JI PRESSURE INSTRUMENTS

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|  <p><u>INDUSTRIAL PRESSURE GAUGE</u></p> <p>Dial Size(mm):63, 100, 150, 250 Ranges:0. Vacuum upto 700 Kg/Cm2 & Above on Request. Accuracy:0.5%, 1% FSD Connection:1/8", 1/4", 1/2", 3/8" BSP / NPT, M-10, M-12, M-20 On Request. Mounting: Bottom, Back, Surface, Panel, Bracket. Case & Bezel: SS 304 Wetter Parts: SS 316 & Other on Request.</p> |  <p><u>SEALED UNIT DIAPHRAGM GAUGE</u></p> <p>Dial Size(mm):100, 150, 250 Ranges:0. Vacuum upto 700 Kg/Cm2 & Above on Request. Accuracy:1% FSD Connection:1/2", 3/8" BSP / NPT, M-20, Flange connection On Request. Mounting: Bottom Case & Bezel: SS 304 Wetter Parts: SS 316 & Other on Request</p> |
|  <p><u>Economical Pressure Gauge</u></p> <p>Dial Size(mm): 50, 63, 100, 150, 250 Ranges:0. Vacuum up to 700 Kg/Cm2 & Above on Request. Accuracy:1.5% FSD Connection: 1/8", 1/4", 1/2", 3/8" BSP / NPT, M-10, M-12, M-20 On Request. Mounting: Bottom, Back, Surface, Panel, Bracket Case & Bezel: Mild Steel Wetter Parts: Brass Other on Request</p> |  <p><u>Capsule Low Pressure Gauges</u></p> <p>Dial Size(mm):100,150, 250 Case : Weather Cast Al. Or S.S Ranges: 0to 150 mmWc to 10000 mmWc or Vac Above on Request. Accuracy:1% FSD Connection:1/2", 3/8" BSP / NPT Flange connection On Request. Mounting: Bottom Wetter Parts: SS 316 & Other on Request Also Available in Compact Built</p> |
|  <p><u>Draught / Draft Pressure Gauges</u></p> <p>Dial Size(mm):150X 78 & 200 X 104 mm Case : Fabricated Steel, Stove Enamelled black finish Ranges: 0to 50 mmWc to Max 6000 mmWcor Vac Above on Request. Accuracy: 1% FSD Connection: 1/4" BSP / NPT Mounting: Flush Panel Back Mounting Wetter Parts: Non Ferrous or SS Capsule Movement: Brass</p> |  <p><u>Differential Pressure Gauge</u></p> <p>Dial Size(mm): 150 Case : Weather Cast Al. Or S.S Ranges: 0 to 400 mmWc X 6000 mmWc & 0 to 0.6 to 25 Kg/Cm2/ Bar Above on Request. Accuracy:1.5% FSD Chamber: SS Connection: 1/4", 1/2", 3/8" BSP / NPT, On Request. Static Pressure: 100 Kg/Cm2 Bar Mounting: Bottom, Flush panel with bottom or Back Entry</p> |
|  <p><u>Electrical Contact Pressure Gauges</u></p> <p>Electrical Contact: Non Magnetic/ Magnetic Contacts Contacts: with or without relays Contacts: 1NO, 1 NC single, 1 NO & 1 NO / 1NC & 1 NC with or without Max reading pointer Contact Ratings: 0.15 Amp or 1 Amp or 5 Amp. With Relay Accuracv: +/-1% FSD</p> |  <p><u>OIL & GAS Pressure Gauges</u></p> <p>Connection : 9/16" API type III for autoclave With / without collar gland</p> <p>OIL & GAS Industry High Range Pressure Gauge</p> <p>Customised as per requirement</p> |

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JI TEMPERATURE INSTRUMENTS

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|  <p><u>Bimetal Dial Thermometer</u> Dial Size(mm): 63, 100, 150 Case: Pressed chrome steel plated or SS Mounting: Back Horizontal & Bottom Vertical Bulb & Stem: 2", 3", 6" 9", 12" Std. upto 48" Long Connection: 1/2" BSP (M) or as Required Material: M.S Chrome plated or SS Bulb & Stem: 1/4", 3/8" Range: -20 to 60 upto 600 Deg C</p> |  <p><u>All Angle Dial Thermometer</u> Dial Size(mm): 63, 100, 150 Case: Pressed chrome steel plated or SS Mounting: All Angle / 180 Deg Rotation Bulb & Stem: 2", 3", 6" 9", 12" Std. upto 48" Long Connection: 1/2" BSP (M) or as Required Material: M.S Chrome plated or SS Bulb & Stem: 1/4", 3/8" Range: -20 to 60 upto 600 Deg C</p> |
|  <p><u>Mercury In Steel Dial Thermometer</u> Dial Size(mm): 100, 150, 200, 250 Case: Pressed chrome steel plated or SS Mounting: Surface, Panel, bottom or back entry Type: Capillary Type or Rigid Stem Capillary Protection: 3Mtr Long copper / PVC / SS. Bulb & Stem: SS or Mild Steel Bulb & Stem Length: Std. 12" Long or as required Bulb & Stem Dia: 3/8", 1/2" OD or as required Connection: 1/2" BSP (M) or as required Accuracy: +/-1%</p> |  <p><u>Vapour / Gas Dial Thermometer</u> Dial Size(mm): 100, 150, 200, 250 Case: Pressed chrome steel plated or SS Mounting: Surface, Panel, bottom or back entry Type: Capillary Type or Rigid Stem Capillary Protection: 3Mtr Long copper / PVC / SS. Bulb & Stem: SS or Mild Steel Bulb & Stem Length: Std. 12" Long or as required Bulb & Stem Dia: 3/8", 1/2" OD or as required Connection: 1/2" BSP (M) or as required Accuracy: +/-1%</p> |
|  <p><u>Electrical Contact Temperature Gauges</u> Electrical Contact: Non Magnetic/ Magnetic Contacts Contacts: with or without relays Contacts: 1NO, 1 NC single, 1 NO & 1 NO / 1NC & 1 NC with or without Max reading pointer Contact Ratings: 0.15 Amp or 1 Amp or 5 Amp. With Relay Accuracy: +/-1% FSD Range: As Required</p> |  <p><u>Anti Vibration Dial Thermometer</u> Dial Size(mm): 100, 150 Case: Pressed chrome steel plated or SS Mounting: Direct Bottom Anti Vibration: 100 mm Log for Anti Vibration Bulb & Stem: SS or Mild Steel Bulb & Stem Length: Std. 12" Long Bulb & Stem Dia: 1/2" OD or as required Connection: 1/2" BSP (M) or as required Accuracy: +/-1%</p> |

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JI PRESSURE CALIBRATORS



Hand Held Pressure Calibrator
 Range: -1 to 40 Bar / Kg/Cm2
 Accessories: All the spares long with the instrument
 Accuracy: +/-0.5% F.S
 Pneumatic hand pump
 Model: JI40HHPVTP



Hand Held Hydraulic Pressure Calibrator
 Range: 0 to 700 Bar / Kg/Cm2
 Accessories: All the spares long with the instrument
 Accuracy: +/-0.5% F.S
 Hydraulic hand pump
 Model: JIHPT700



Hand Held Low Pressure Calibrator
 Range: -1 to 7 Bar / Kg/Cm2
 Accessories: All the spares long with the instrument
 Accuracy: +/-0.5% F.S
 Pneumatic hand pump
 Model: JILPP-5



Comparison Test Pressure Calibrator
 Range: 0 to 2000 Bar / Kg/Cm2
 Accessories: All the spares long with the instrument
 Complete SS Body Gauge Separate



Comparison Test Vacuum Calibrator
 Range: 0 to 760 mmHg
 Accessories: All the spares long with the instrument
 Complete SS Body Gauge Separate



Dead Weight Tester Pressure Calibrator
 Range: 0 to 1000 Bar / Kg/Cm2
 Accessories: All the spares long with the instrument
 SS / MS Plates as Required
 Accuracy as Required



Dead Weight Tester Pressure Calibrator
 Range: 0 to 710 mmHg
 Accessories: All the spares long with the instrument
 SS / MS Plates as Required
 Accuracy as Required



Digital / Master Pressure Gauge
 Range: -1 to 1000 Bar / Kg/Cm2
 Accuracy: 0.1% F.S
 Power Supply: 9 V DC battery



Digital / Master Pressure Gauge
 Range: -1 to 700 Bar / Kg/Cm2
 Accuracy: 0.25% F.S
 Power Supply: 9 V DC battery. With Multiple Units

Note: The above instruments are supplied with calibration certificate traceable to National Standard.

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Ji TEMPERATURE CALIBRATORS



TEMPERATURE CALIBRATION BATH (DRY BLOCK TYPE JITB – 650)

Range: Ambient to 650 Deg C
Regulation of the Heating Block: PID
Regulator
Power Supply: 230 V AC, 50 Hz
Power Consumption: 1000 Watts
Accuracy: +/-0.5% F.S



TEMPERATURE CALIBRATION BATH (DRY BLOCK TYPE JI30125)

Range: -30 to 125 Deg C
Regulation of the Heating Block:
PID Regulator
Power Supply: 230 V AC, 50 Hz
Power Consumption: 1000 Watts
Accuracy: +/-0.5% F.S



TEMPERATURE CALIBRATION BATH (DRY BLOCK TYPE JI1200)

Range: 300 to 1200 Deg C
Regulation of the Heating Block: PID
Regulator
Power Supply: 230 V AC, 50 Hz
Power Consumption: 1000 Watts
Accuracy: +/-0.5% F.S



DIGITAL CALIBRATOR THERMOCOUPLE/RTD

Model: JI50PDC

For More Details Please Contact:

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PORTABLE DIGITAL CALIBRATOR MV/MA/RTD

Model: JI49PDC

For More Details Please Contact:

www.jigauges.com

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iapsin33@mtnl.net.in



PORTABLE DIGITAL CALIBRATOR MV/VOLT/MA

Model: JI23PDC

For More Details Please Contact:

www.jigauges.com

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iapsin33@mtnl.net.in

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JI TEMPERATURE & PRESSURE RECORDERS

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|  <p>Temperature Circular Chart Recorder Single pen Range: 0 to up to 600 Deg C Capillary: 3 mtr. Std or As Required Connection: As Required MOC: SS Case or Mild Steel or As Required 100 Charts & 2 pens Along with the Recorder</p> |  <p>Pressure Circular Chart Recorder Single pen Range: 0 to up to 700 Bar / Kg/Cm2 Capillary: 3 mtr. Std Connection: As Required MOC: SS Case or Mild Steel or As Required 100 Charts & 2 pens Along with the Recorder</p> |
|  <p>Temperature & Pressure Circular Chart Recorder Double pen Temp Range: 0 to up to 600 Deg C Pressure Range: 0 to upto 600 Bar Capillary: 3 mtr. Std or As Required Connection: As Required MOC: SS Case or Mild Steel or As Required 100 Charts & 2 pens Along with the Recorder</p> |  <p>Strip Chart Recorder Temp Range: 0 to up to 600 Deg C Pressure Range: 0 to 700 Bar / Kg/Cm2 100 Charts & 2 pens Along with the Recorder Input signal: 4-20 mA Chart Speed: 20mm/Hr Chart Width: 100 mm Power Supply: 240 Vac /50 Hz main operated</p> |

JI TEMPERATURE SENSORS

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|  <p>Industrial RTD's Sensor: Pt-100 / Pt-500/ Pt-1000 Accuracy: Class A / Class B Sheath: AISI 316 SS Sheath Size: 3 mm / 6 mm / 8 mm Or As Required Enclosure: WP/FLP/ Ex-Proof Connection: 1/2" NPT (M) / 1/2" BSP (M) Or As Required Head Extension: Fixed / Adjustable</p> |  <p>Industrial Pencil Type RTD's Sensor: Pt-100 / Pt-500/ Pt-1000 Accuracy: Class A / Class B Sheath: AISI 316 SS Sheath Size: 3 mm / 6 mm / 8 mm Termination: PTFE/SS Braided Compensating Cable Connection: 1/2" NPT (M) / 1/2" BSP (M) Cable Length: As Required</p> |
|  <p>Industrial Hygienic RTD's Sensor: Pt-100 / Pt-500/ Pt-1000 Accuracy: Class A / Class B Sheath: AISI 316 SS Sheath Size: 3 mm / 6 mm / 8 mm Or As Required Enclosure: WP/FLP/ Ex-Proof Connection: 1 1/2" Tri-clover / 2" Tri-clover Option: Tri- Clamp, Sealing Gasket</p> |  <p>Industrial RTD's with Thermowell Sensor: Pt-100 / Pt-500/ Pt-1000 Accuracy: Class A / Class B Sheath: AISI 316 SS Sheath Size: 3 mm / 6 mm / 8 mm Or As Required Enclosure: WP/FLP/ Ex-Proof Protection Tube: Pipe-1/2" Sch 40 Connection: Threaded / Flanged</p> |

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JI TEMPERATURE SENSORS



Industrial Thermocouples

Sensor: K / J / E / T / S / N / R / B
Accuracy: Standard / Special
Sheath: AISI SS 316, SS 310, SS 446, INC 600
Enclosure: WP/FLP/ Ex-Proof
Connection: 1/2" NPT (M) / 1/2" BSP (M) Or As Required
Head Extension: Fixed / Adjustable



Industrial Roller Type Thermocouple

Sensor: K
Surface probe with 4" long handle & 4 bearing, 10 mtr.
Cable suitable for -50 to 750 deg C with connector



Industrial Thermocouples

Sensor: K
Accuracy: Standard
Sheath: AISI SS 316
Sheath Size: 3 mm / 6 mm / 8 mm
Termination: PTFE/SS Braided Compensating Cable
Connection: 1/2" NPT (M) / 1/2" BSP (M)
Cable Length: As Required

JI STAINLESS STEEL FITTINGS



Stainless Steel Fittings

- Stainless Steel Male Stud
- Stainless Steel Swivel Elbow
- Stainless Steel Swivel Tee
- Stainless Steel Straight Connector
- Stainless Steel Equal Elbow
- Stainless Steel Equal Tee
- Stainless Steel Equal Bulk-Head



Stainless Steel & PVC Valves

- Flanged Floating Ball Valves
- Flanged Ball Valves
- Threaded or solder Joint Ball Valves
- 3 Way Ball Valves
- 2 Way Ball Valves

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JI ROTAMETER

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|  <p>Acrylic Tube Rotameter Metering Body: Acrylic Wetted Parts: SS / Teflon Float: SS / Teflon / PVC/ P.P Pipe Connection: Threaded / Flanged Top & Bottom O Ring: STD Neoprene / Teflon Viton Silicon Scale: Engraved On The Body Temp: Upto 70 Deg C Accuracy: +/-2%</p> |  <p>Glass Tube Rotameter Metering Body: Borosilicated Tapered Glass Wetted Parts: SS / Teflon Float: SS / Teflon / PVC/ P.P Pipe Connection: Threaded / Flanged Top & Bottom Body: ALM with MS Cover with transparent Acrylic clear Temp: Upto 150 Deg C Accuracy: +/-1%</p> |
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JI MANOMETER

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|  <p>Acrylic Single Limbed Manometer Range: 0 to 500 mm WC / Hg with 1 mm Wc / Hg Or as required End fittings: 1/4" PP / SS Nozzles Description: Single limbed acrylic tube block with calibrated scale Mounting: Wall Mounting Accuracy: +/-1% FSD</p> |  <p>Acrylic U Tube Manometer Range: 300-0- 300 mm WC / Hg with 1 mm Wc / Hg Or as required End fittings: 1/4" PP / SS Nozzles Description: U Shaped acrylic tube block with calibrated scale Mounting: Wall Mounting Accuracy: +/-1% FSD</p> |
|  <p>Glass Single Limbed Manometer Range: 0 to 500 mm WC / Hg with 1 mm Wc / Hg Or as required End fittings: SS Nozzles Description: Single limbed borosilicate glass tube enclosed in MS powder coated case & front see thru acrylic window with calibrated scale Mounting: Wall Mounting Accuracy: +/-1% FSD</p> |  <p>Glass U Tube Manometer Range: 5000-0- 5000 mm WC / Hg with 1 mm Wc / Hg Or as required End fittings: SS Nozzles Description: U shaped borosilicate glass tubes enclosed in MS powder coated case & front see thru acrylic window with calibrated scale Mounting: Wall Mounting / Stand Mounting Accuracy: +/-1% FSD</p> |
|  <p>McLeod Gauge For Ultra High Vacuum Use Range: 10 mm to 0.001 mm of Hg Type: Tilting type Gauge MOC: MS Powder Coated, SS 316 & SS 304 Reservoir: Approx 15cc of Mercury Required Dimensions: 9"X6"X1"</p> |  <p>Inclined Tube Manometer Range: 0 to 100 mm Wc or as required End fittings: PP / SS Nozzles Description: Acrylic block with inclined tube & spirit level Accuracy: +/-1% FSD</p> |

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JI ELECTROMAGNETIC FLOWMETERS / TOTALIZERS / TURBINE FLOWMETERS



JI FLOWMETER

- Electromagnetic Flowmeter With Field Mounted Flow Rate Indicator, Totalizer & 4-20 mA Output
- Turbine flowmeter with Field Mounted Flow Rate Indicator, Totalizer & 4-20 mA Output
- Vortex Flowmeter with Temperature & Pressure Compensation

For More Details Please Contact:

www.jigauges.com

www.japsin.com

japsin33@mtnl.net.in

JI LEVEL INSTRUMENTS



JI Level Instruments / Gauges

- Reflex Level gauges
- Magnetic Level Gauges
- Tilt Type Level Switches
- Industrial Pitot Tube
- Sight Glass Indicator
- Level Glass Indicator
- Flapper Sight Glass Indicator

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