



FIDICON DEVICES INDIA™
(AN ISO 9001 : 2015 CERTIFIED CO.)

Process Control, Measuring Instruments & Safety Equipments



Range of Product

- Metal Tube Rotameter
- Glass Tube Rotameter
- Purge Rotameter
- By Pass Rotameter
- Orifice Flange Assemblies
- Liquid Level Indicators
- Pressure Reducing Valves
- Flow Meter
- Gauge Hatch
- Side & Top Mounted Level Switches
- Manometer
- Sight Flow Indicators
- Pipe Line Strainers
- Flame Arrester
- Breather Valve
- Safety Relief Valve
- Pressure Reducing Station
- Strainer



ABOUT US

Fidicon Devices India Firmly Believes In Setting New Standards Of Quality And Perfection And Is Thus Engaged In The Manufacturing And Export Of Process Equipments & Measuring Instruments.

Such As Rotameter, Level Indicator, Float Switches, Level Switches, Manometers, Sight Flow Manometer, Sight Flow Indicators, Pipe Line Strainer, Flame Arrester, Breather Valve, Hatches Etc. Holding Valuable Experience Of More Than Seventeen Years Company Has Become Synonymous With High Quality Products, Which Are Always Delivered On Time. From The Time Of It's Inception The Company Has Been Involved In Developing Instruments that Exhibit Flawless Performance.

Our Products Such As Rotameter, Metal Tube Rotameter, Glass Tube Rotameter, Level Indicator, Flame Arrester, Inoffline Flame Arrestor, Endoffline Flame Arrestor, Drumvent Flame Arrestor, Breather Valve, Safety Relief Valve, Pressure Relief Valve, Back Pressure Relief Valves, Hatches, Gauge Hatches, Lock Down Hatches & Manometer Are Known Firstly For Their Superb Performance And Also For Elegant Looks, Reliability And Best Competitive Prices.

With our Commitment To Deliver Quality Goods That Have No Match In The Market We Have Been Able To Make A Mark of our own.



OUR QUALITY

We are highly committed towards maintenance of stringent quality measures and our products are clearly reflect this fact. There is constant upgradation of our equipment and procedures so that we successfully maintain our leadership role in all the services delivered by us. The main reason behind implementation of strict quality norms are to minimize or in fact reduce the flaws during the manufacturing processes.



VISION AND MISSION

It is driven by their obsession of Quality and Technology at all level of their operations and has been inspired by Satisfied Customers. We sincerely believe that Quality and Technology can be achieved and acquired through fairness, honesty and integrity in our dealing.



FACILITIES

There are many factors that have made us an undisputed leader of quality and perfection and this has been possible owing to some measures and facilities that are followed and possessed by us. They are, like, We have a team of highly dedicated and committed professionals who design our instruments with much precision. The in house design and development facilities compliment the talent of the engineers to manufacture innovative and technologically advanced instruments.

All the instruments such as Rotameter, level Indicator, float switches, Level switches, manometers, sight flow manometer, sight flow indicators, pipe line strainer, Flame arrester, breather valve, metal tube rotameter, glass tube rotameter, level Indicator, Flame arrester, inoffline flame arrester, endoffline flame arrester, drumvent flame arrester, breather valve, safety relief valve, pressure relief valve, back pressure relief valves, hatches, gauge hatches, lock down hatches & manometer are manufactured under the strict eye of quality managers who leave no stone unturned to deliver the highest levels of quality products. Our products are also rugged, reliable and are field proven for a better and long lasting performance.



OUR PATRONS

On the basis of business ethics and social responsibility, we move ahead to serve our customers. Libratherm has a strong patronage of organizations that are good connoisseurs of our products and services.



Certificates	ISO 9001 2015 (QMS) ISO 18000 (OHSAS) CE MARK	CIMFR ISO 1685:2008 ATEX 94/9/CE + 2014/34EU PESO / CCOE / IBR	QA	API STD. EN STD. IS STD
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Flow Measuring Instruments

■ METAL TUBE ROTAMETER (MODEL NO. FDI - MTR - 201)



Suitable For Measuring Flow Rate for Translucent Opaque Liquid, Gases Under High Temp. & Pressure

Material of Const.: S.S.304 / S.S.316 / PP / PVC Teflon Lined / Hestelloy

Line Size: 15mm NB to 200mm NB

Flow Range: 0 to 100,000 LPH of water at ambient temp.

0 to 3500 NM³/Hr off air at NPT

Accuracy: ±1.5 % full scale reading

Accessories: Steam Jacketing High & Low Flow Alarms

■ GLASS TUBE ROTAMETER (MODEL NO. FDI - GTR - 202)



Designed on variable area basis using tapered borosilicate glass tube pressure rating at 10kg/cm² temp at 150°C.

Material of wetted part C.S. / S.S.304 / S.S.316 / PP / PVC Teflon lined & Hestelloy

Line Size: 15mm NB to 100mm NB

Flow Range: 0 to 40,000 LPH of water

Accuracy: ±1.5 % full scale reading

Accessories: Screwed / Flanged Hose – connection

■ LOW FLOW ROTAMETER (MODEL NO. FDI - LFR - 203)



Suitable for Measurement of low flow rate of liquid or gases.

Fittings: Top / Bottom / Rear as per requirement in S.S screwed nozzle or hose pipe connection are offered on request

Material of Const.: Borosilicate glass tube fitted in S.S.304/ wetted parts S.S.316 & Acrylic Fabricated with clear & unbreakable Perspex plastic body, scales are directly engraved on tapered position

Range: Between 0.5 to 150 LPH of water of ambient temp 15 to 4000 LPH of air at NTP

Accuracy: ±1.5 % full scale reading

Accessories: Built in Needle valve D.P. Regulator High & Low Flow Alarms

■ BY PASS ROTAMETER (MODEL NO. FDI - BPR - 204)



Suitable for high range of fluid in pipe line between 2" or above upto 600 mm NB. Where on line rotameter can't be used.

It consist of one orifice plate to be mounted in the pipe line between two flanges. One more integral orifice with two inlet & outlet & one by pass rotameter is provided to read, direct flow.

Material of wetted part: M.S / C.S. / S.S.304 / S.S.316 / PTFE lining

Orifice Range: 25 to 10000M³/ HR of water

Accuracy: ±1.5 % full scale reading

Accessories: Isolation valve High & low flow alarms

Flow Measuring Instruments

■ ACRYLIC BODY ROTAMETER (MODEL NO. FDI - ABR - 205)



It is an instrument used to measure instant flow rate of Liquids and Gases and are commonly used for flow measurement.

Temperature: Up to 65°C | **Pressure:** Up to 8kg/cm²
Measuring Range: 2.5 to 40000 LPH of Water Liquid 0.1 to 500 Nm³/Hr of Air/Gas NTP

Line Size: Up to 1" to 4" NB | **Accuracy:** ±1.5% of FSD

End Connection Material: SS304 / 304L / SS316 / 316L / PTFE / Monel Hastelloy / PVC / PP

Connection: Flanged to ASA/BS/DIN Tri clover Standard Screwed to BSP / NPT (M/F)

■ ORIFICE FLANGE ASSEMBLIES (MODEL NO. FDI - OFA - 206)



Orifice Plate Designed as per BS Standards 1042 part 1964 on IS Standards, Flanged are available as per customer's specifications.

Line Size: 1/2" to 36" | **Accuracy:** +/- 1%

Orifice Plate MOC: SS 316 / SS 304 / Monel / HAST-C / PP / PVC / PTFE, Coated or Clad with PP / HDPE / PTFE

Flange MOC: ASTM A1 05, ASTM A1 82 F304, ASTM A1 82 F316

■ VARIABLE AREA FLOWMETER (MODEL NO. FDI - VAFM - 209)

Variable Area Flow Meters offered are suitable to be used for variable areas with fluid handling capacity from 0 to 100000 LPH. These provide vital assistance in measuring flow by allowing flow stream to change opening within flow meter through moving of an internal part.

Line Size: 15mm NB to 200mm NB | **Accuracy:** ±1.5% full scale reading

It comes with 4-20 mA Transmitter output with Totalizer.

■ SIGHT FLOW INDICATOR (DOUBLE WINDOW) (MODEL NO. FDI - DWSFI - 207)



Suitable for Highly Pressure & Temp. This are all type mounted vertically & horizontally. Available in CI / CS / SS304 / SS316 / PTFE

Pressure Rating: 10 to 50 kg / cm²

Temp.: 300°C

Available: Steam Jacket & Non Steam Jacket

■ FULL VIEW SIGHT GLASS (MODEL NO. FDI - FVSFI - 208)



Full View: Suitable where max visibility is desirable and much strains in the pipe line are not present.

These are all low pressure type mounted vertically, horizontally.

Available: CI / CS / SS304 / SS316 / P.P.

Press: 10kg / cm²



Flow Measuring Instruments

■ ELECTRO MAGNETIC FLOW METER (MODEL NO. FDI - EMF - 210)



The Electromagnetic Flow Meter accurately measures the flow rate of any conducting liquid or slurry that is flowing in closed pipes. It is obstruction less and hence offers no pressure drop in the process.

Line Size: 1" to 18" | **Flow Range:** 0.3 to 100 m/s LPS | **Accuracy (%):** 0.5
Max Pressure: 10 kg cm²

■ VORTEX FLOWMETER (MODEL NO. FDI - VF- 216)



Being a quality conscious entity, we are committed in providing the best quality Vortex Flow Meter. It measures both conducting and non-conducting liquids as well as all industrial gases such as saturated steam and superheated steam, compressed air and nitrogen, liquefied gas and flue gas.

■ TURBINE FLOMETER (MODEL NO. FDI - TF - 217)



Turbine flow meters are designed for the volumetric measurements of fluids. The meters are rugged, reliable & precise instruments suitable for all Industrial Chemicals, Fuels etc. The basic meter consists of a freely suspended bladed rotor positioned axially in the flow stream with the flowing fluid pushing against the blades.

■ MASS FLOMETER (MODEL NO. FDI - MF - 218)



Mass Flow Measurement is always been a relative concept. Flow is dynamic. The concept of flow comes with the factors like Pressure, temperature, Density, Viscosity, presence of various impurities in it etc. All these factors affect the measurement of the flow.



■ Y - TYPE STRAINER (MODEL NO. FDI - YTS - 211)

We offer Y Type Strainer, which are used removing foreign particles from liquids, gas or steam lines. Known for their high performance and longer service life, our Y type strainer are a perfect solution to serve the requirements of various industries.

Size Range: 25mm to 600mm

Pressure Rating: Class 150, 300, 600, 1500

Body Materials: WCB, CF 8, CF8M, Alloy 20, Cast Iron

Trim Material: 40/60 (Mesh), SS304 / SS316, and Brass

End Connection: Flanged as per ASNI B 16.5 Butt Welded as per ANSI B 16.25

Flow Measuring Instruments

■ CONICAL TYPE STRAINER (MODEL NO. FDI - CTS - 212)



We are manufacturing and supplying a comprehensive array of Conical Strainer to our precious clients. In order to meet clients specific requirements, the provided strainer is manufactured under the stern observation our dedicated professionals using premium quality basic materials with the help of advanced techniques. The offered strainer is extensively used in pharmaceuticals industry, chemical and petrochemical plants to strain various chemicals. Moreover, our clients can avail this Conical Strainer in different sizes at cost effective price from us.

■ T - TYPE STRAINER (MODEL NO. FDI - TTS - 214)



We are offering T Strainer. They are recommended where there are limitations of space to accommodate basket type strainers. T type strainers with butt-weld ends can be directly welded to piping.

Material of Construction: CS/CI/SS304/SS 316/216 WCB

As per customer's request

Connection: Weldable End / Flanged End

Size Screwed: 50 NB - 600 NB

Other Size: As per customer's request

■ BASKET TYPE STRAINER (MODEL NO. FDI - BTS - 213)



Supported ourselves with proficient amenities, we are readily indulged in the realm of presenting an inclusive consignment of Basket Type Strainer. These products are available at very budget friendly rates.

Design Std.: ASME 16.34 / ASME Section Viii

Pressure Testing: API 598

Flange Drilling: ANSI B16.5 / BS 10 Table / DIN / IS 6392

Pressure Rating: 125#, 150#, 300#, 600#, 900#

Size Range: 25NB to 600NB

■ DUPLEX TYPE STRAINER (MODEL NO. FDI - DTS - 215)



We are one of the leading manufacturers and exporters of high quality DUPLEX TYPE STRAINER. These filters are manufactured using very high quality raw material procured from the most reliable vendors of the industry.

Material: CI / SS304 / SS316

Pressure Rating: 0 to 50 kg/cm²

Flow Rate: Min 150 to 1000 lpm

Efficiency: 99%

Temperature: 0 to 400°C

Size: 1 to 24 inch

Level Measuring Instruments

■ SIDE MOUNTED HEAVY DUTY TUBULAR LEVEL INDICATOR (MODEL NO. FDI - SMTLG - 301)



Tubular level gauge directly indicates liquid level in atmospheric or pressurised tanks. It is a simple and reliable device mounted parallel along the side of tank.

Material of Wetted Part: C.S. / S.S.304 / S.S.316 / PP / PVC / Rubber Teflon Lined
Line Size: 15mm NB to 100mm NB **Glass Tube:** Heavy wall borosilicate glass 19mm
Pressure rating: 10kg/cm | **Range:** 0-3.5 meter
Scale: M/C engraved on beceklite, acrylic, & SS sheet graduate in cm
Features: Isolation Valves of CS / SS 304 / PP / PTFE

■ REFLEX LEVEL GAUGE (FDI-RLG-302) IBR & NIBR



Suitable for high temp & press application & corrosive, colour less liquid under critical conditions.

Liquid Chamber: C.S. / S.S.304 / S.S.316 | **Cover Plate:** C.S / MS / SS
End fittings: CS / S.S.304 / S.S.316 / PTFE | **Nut Bolts:** Alloy Steel
Glass: Toughened Borosilicate | **Packing:** Neoprene / Caf / Teflon
Valve body: S.S. 304 / S.S.316 | **Pressure Rating:** 75kg / cm | **Temp:** 300° C
Range: 0-3.5 meter

■ FLOAT AND BOARD TYPE LEVEL INDICATOR (MODEL NO. FDI - FBLI - 401)



Suitable for measurement of liquid level in over ground /overhead storage tanks. Usually consists of float, dust proof pulley housing, pointer cradle with nylon & 150 mm wide aluminium scale with screen printed marking.

Float: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon lined
Housing: Aluminium / PP etc. | **Range:** 0-20 meter
Wire Housing: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon / Nylon
Pulley: Aluminium / PP/ Nylon / S.S. 316 / PTFE / Glass

■ FLOAT & BOARD TYPE MAGNETIC LEVEL INDICATOR (VAPP. Seal Type) (MODEL NO. FDI - MVSTL - 402)



Magnetic vapour sealing type suitable for reaching liquids like HCL / HNO / NH₄OH & other liquids where absolute vapour tightness is required.

Float: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon lined
Housing: Aluminium / PP etc...
Wire Housing: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon
Pulley: 20 kg/cm² / 200°C | **Range:** 0-10 meter
Temp rating & Pressuring: Aluminium / PP Nylon/S.S.316 / PTFE & Glass

■ SIDE MOUNTED MAGNETIC LEVEL INDICATOR (MODEL NO. FDI-SMLI-501)



Suitable for continuous level indication of fuming liquid which attacks glass very corrosive and hazardous liquid S.S. Float with is equipped with alnico magnet move up and down along with the level increase of decrease. The float magnet movements is magnetically coupled to the follower outside chamber which is enclosed in a glass tube.

Material of wetted part: C.S. /S.S.304/ S.S.316 / PP/PVC/Teflon
Material of float: C.S. /S.S.304/S.S.316/PP/PVC/ Teflon lined
Range: 0-5 meters | **Pressure rating:** 40kg/cm²
Scale: M/C engraved on bakelite anodised aluminium sheet graduated in cm.
Features: Low & High Level Alarms 4-20mA transmitter Digital Indicator

Level Measuring Instruments

■ TOP MOUNTED LEVEL INDICATOR (DIRECT INDICATION) (MODEL NO. FDI-TML-502)



Suitable for continuous level indicator of horizontal, underground tank, containing very hazardous & corrosive liquid in nature.

Material of wetted part: C.S. / S.S.304/S.S.316/PP/PVC

Material of float: C.S. / S.S.304 / S.S.316 /PP/PVC Teflon Nylon

Range: 0-4 meters | **Pressure Rating:** 20 kg/cm²

Temp rating: 350° C for Teflon or 60° C for PP

■ DISPLACER LEVEL SWITCH (MODEL NO. FDI - DLS - 603)



With sincere intentions to preserve and uplift our reputation in the market, we bring forth a distinguished assortment of Displacer Level Switch.

These switches are the most versatile for level control and have advantages over float type switches in the control of agitated liquids paints-varnishes & heavy oil and foaming liquids.

We manufacture these level switches by using premium quality raw material that we sourced from the well-known vendors of the market and sophisticated technology. We also provide the installation service of this product.

As the liquid level rises it applies a buoyant force on the coupler in proportion to displaced liquid. It releases the spring & moves the actuator in the magnetic field to actuate the switch. As the liquid level falls spring gets its normal position & the switch releases.

■ TOP MOUNTED MAGNETIC LEVEL INDICATOR (MODEL NO. FDI-TMML-503)



Simple principle of mechanics & magnetism harnessed to offer an absolutely safe, reliable & trust worthy level indicator for dangerous & toxic liquids under high pressure & temperature. As the liquid level rises in the tank, the float is lifted up due to buoyancy.

Liquids: Acids/Alkalis/Solvents/Oils/Lubricants/Liquid Gases Stored in Underground or Over Ground Tanks | **Density / Sp. Gravity:** Minimum 0.6

Temperature: Up to 350° C | **Tank Height (Range):** Up to 3500 mm

Material of Wetted Parts: MS/CS/SS304/304L/316/316L PTFE Lined SS/PVC/PP

Connection: Flanged to ASA/BS/DIN/ Tri clover | **Viscosity:** Up to 250 cp

Pressure: Up to 20 Kg/cm²

Minimum Nozzle size required 4" NB for Liquids Below 0.8 Density

■ CAPACITANCE LEVEL INDICATOR SWITCH & TRANSMITTER (MODEL NO. FDI-CLT-504)



Capacitance Level Indicator, Switch and Transmitter is ideally suitable for level having a stable dielectric constant. The performance of these instruments is not affected by the properties of the liquid such as conductivity, corrosiveness and viscosity

Tank Height Range: 0 to 10 mtrs. (depending upon probe) | **Output:** 4-20 Ma

Temperature: Up to 350°C | **Pressure:** Up to 40 Kg / cm²

Connection: Flanged to ASA/BS DIN/Screwed BSP/NPT

Probe Material SS 304 / 304L / SS316 / 316L / PTFE / Lined / PTFE Lined

■ TOP MOUNTED MAGNETIC LEVEL SWITCH (MODEL NO. FDI -TMLW - 505)



Suitable for automatic operation of pumps gives change over contact at predetermined level step less adjustment of switching point entire range without interrupting to process. Switching contact arthritically sealed in glass hence safe and totally protecting them from surroundings.

Wetted Parts: SS 304/S.S.316/PP/PVC

Casing: Weather proof/Flame proof

Level Measuring Instruments

■ SIDE MOUNTED MAGNETIC LEVEL SWITCH (MODEL NO. FDI - SMMLW - 506)



Mounted on side of nozzle of the tanks, float position changes with the level which in turns with the help of magnetic coupling changes the switch contacts.
Used for: Automatic pump control High & low level signals Safety interlock circuits | **Available:** Material of wetted parts SS304 / SS316 / PP Teflon lined, Weather proof / Flame proof enclosures.

■ FORK TYPE LEVEL SWITCH (MODEL NO. FDI - FLW - 507)



We are an acclaimed entity, engaged in offering a wide range of Fork Level Switch. Switch provided by us is extensively used in building, cement, food dairy, plastic, timber, chemical and mining industries. Clients can avail this level switch from us at reasonable rates.

■ SIDE MOUNTED MAGNETIC LEVEL INDICATOR WITH TRANSMITTER (MODEL NO. FDI - SMMLIT - 303)



With the help of dexterous team, we are capable to present a wide series of Side Mounted Magnetic Level Indicator, which is known in the market for their longer operational life.

Material of wetted part: C.S. / S.S.304 / S.S.316 / PP / PVC

Material of float: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon / Nylon

Range: 0-4 meters

Pressure Rating: 20 kg/cm²

Temp rating: 350° C for Teflon or 60° C for PP

Output: 4 to 20 Ma

■ TOP MOUNTED MAGNETIC LEVEL INDICATOR WITH TRANSMITTER (MODEL NO. FDI - TMMLIT - 508)



Our Company Has Gained Immense Accolades in the Field of Offering Top Mounted Magnetic Level Indicator to the Clients. Magnetic Level Indicator is widely known among customers, Owing to Excellent Quality and Premium Strength. Offered Range is Precisely Manufactured by Experienced Professionals Making Use of the Optimum Quality Raw Material and Contemporary Technology. Magnetic Level Gauge Provides Clear, High Clarity Indication of Liquid Level.

Material of wetted part C.S. / S.S.304 / S.S.316 / PP / PVC

Material of float: C.S. / S.S.304 / S.S.316 / PP / PVC / Teflon / Nylon

Range: 0-4 meters | **Pressure Rating:** 20 kg/cm²

Temp rating: 350° C for Teflon or 60° C for PP | **Output:** 4 to 20 Ma



■ REFLEX LEVEL GAUGE TRANSPARENT TYPE (FDI-RILT-403) IBR & NIBR

We offer Reflex Level Gauges/transparent level gauges, which finds application in diverse industries. These are of competitive prices and can be customized as per the requirement of our customers.

Liquid Chamber: C.S. / S.S.304 / S.S.316 | **Cover Plate:** C.S. / MS / SS

End fittings: CS / S.S.304 / S.S.316 / PTFE

Nut Bolts: Alloy Steel | **Glass:** Toughened Borosilicate

Packing: Neoprene / Caf / Teflon

Valve body: S.S. 304 / S.S.316 | **Pressure Rating:** 75kg / cm²

Temp: 300° C | **Range:** 0-3.5 meter

Pressure Measuring Instruments

■ INCLINED TUBE MANOMETER (MODEL NO. FDI - ITL - 901)



Inclined Tube Manometer utilise expanded scales for usual sensitivity for fast easy reading of low pressures. We are one of the leading manufacturer of Inclined Tube Manometer, supplier of Inclined Tube Manometer, exporter of Inclined Tube Manometer in Gujarat, India. Draft for small differential pressure.

Inclined Tube Manometers Range:

Between 5-1500 mm WC/HG with least count of 0.1 & 0.5 WC/HG

■ U-TUBE MANOMETER (MODEL NO. FDI - UTM - 902)



U-Tube Manometer primary standard manometer used for precision measurement of pressure. Vacuum, differential pressure and flow measurement in plants and labs were certain accuracy is required.

U Tube Manometer Range:

Between 0 to 4000 mm WC/HG

■ SINGLE LIMB MANOMETER (MODEL NO. FDI - SLM - 903)



Single Limb Manometer well type direct reading Manometer for the precision measurement of pressure vacuum differential pressure flow and liquid level measurement. Manufacturer & supplier of Single Limb Manometer in Gujarat, India. Single limb manometers are available in wall mounted and stand mounted with level adjustment screws.

■ ABSOLUTE MANOMETER (FDI-MG-905)



■ MACLEOD GAUGE MANOMETER (MODEL NO. FDI - MG - 904)



MacLeod Gauges are Suitable for measurement of pressure in the range of 10 mm to 10^{-2} mm or 10^{-3} mm of Hg. This convenient gauge is a modification of MacLeod Gauge. This gauge eliminates the use of a movable reservoir of mercury, and also requires only about 12 cc of mercury for filling. The total size of this gauge is about 9" X 6". We are one of the leading manufacturer of MacLeod Gauges, supplier of MacLeod Gauges, exporter of MacLeod Gauges in Gujarat, India.

A Manometer is a Pressure Measuring instrument usually limited to measuring pressure near to atmosphere commonly used Liquids in Manometer are Water and Mercury. We are counted among the well-reputed firm for providing Mano Meter to our esteemed patrons. Customers can easily get them from us in varied specifications at nominal prices.

Our prime motive is to serve the customers in the best possible manner by offering excellent quality Absolute Manometer. The provided manometer is manufactured by making use of high grade raw materials and employing innovative technologies. This manometer is used for leakage testing of sealed systems as they are not affected by the changes in air pressure and therefore ensures error free readings. Further, the offered Absolute Manometer is easily accessed by our respected clients at market-competitive price range.

Features: Immaculate, finish Light weight, Durability Accurate readings

Safety Equipments

■ FLAME ARRESTER (MODEL NO. FDI-FA-707)



A Flame Arrester is a device which allows gas to pass through it but stops a flame in order to prevent a larger fire or explosion. There is an enormous variety of situations in which flame arrestor are applied. Anyone involved in selecting flame arrestors needs to understand how these products work and their performance limitations.

Flame arrestors are used in many industries like Refining, pharmaceutical, chemical, petrochemical, pulp & paper, oil exploration & production and bulk liquid transportation.

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE | **Size:** 1" to 24"

■ BREATHER VALVE (PRESSURE & VACUUM RELIEF VALVE) (MODEL NO. FDI-BV-708)



We are engaged in manufacturing a wide range of Breather Valve. The breather valves are extensively used for automatic venting and for conservation of losses due to evaporation. Moreover, these offered valves are widely appreciated for their rugged construction and easy installation.

Pressure & vacuum relief valve is designed not only for product vapour conservation but also to allow tank breathing. The pressure and vacuum functions are combined in one fitting which is available in 2"-24" (50mm - 600mm) sizes.

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE | **Size:** 1" to 24"

■ BREATHER VALVE CUM FLAME ARRESTER (MODEL NO. FDI-BVFA-708-707)



FIDICON Flame Arrester cum breather valve allows a storage tank with flammable liquids or solvents to breathe, thus maintaining a safe internal working pressure while protecting against fire and explosion from outside ignition sources.

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE

Size: 1" to 24"

Set Pressure: 50mm H₂O to 2000mm H₂O

■ BREATHER VALVE FLAME ARRESTER (INBUILT TYPE) (MODEL NO. FDI-BVFA-717)



FIDICON Flame Arrester cum breather valve allows a storage tank with flammable liquids or solvents to breathe, thus maintaining a safe internal working pressure while protecting against fire and explosion from outside ignition sources.

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE

Size: 1" to 24"

Set Pressure: 50mm H₂O to 2000mm H₂O

Safety Equipments

■ PRESSURE REDUCING VALVES (MODEL NO. FDI/PRV/704)



Size Available: 1" To 4" (25 NB to 100 NB)
MOC: SS 304, SS 316, SS 316L, CS, PTFE & HASTEALLOY
Widely Used For: 2.5 to 40000 LPH of Water Liquid 0.1 to 300 Nm³
Design: Self Regulating Pilot Operated | **End Connection:** Screwed Flanged End
Pressure Rating ASA: 150#, 300# etc. | **Temp:** 300° C

■ SAFETY RELIEF VALVE (MODEL NO. FDI/SRV/703)



Size Available: 1" To 12" (25 NB to 300 NB)
MOC: SS 304, SS 316, SS 316L, CS, PTFE & HASTEALLOY
Widely Used For: Steam Boilers, Steam Services, Compressor, Receiver, Burners, Dryers and Other Piping System and Many
Design: Self Actuating, Full Lift Spring Loaded | **Discharge:** Angle
Bonnet: Open Or Closed **Pressure:** 1 Kg/cm² To 40 Kg/cm² **Temp:** 426° C

■ FLAME ARRESTOR (IN OF LINE – DEFLAGRATION TYPE) (MODEL NO. FDI - FA - 710)



In offline flame arrester designed to stop the propagation of confirmed low pressure deflagrations. it is used for end of line and near end of line application when the system operating pressure is near atmospheric levels and when there is minimal probability of a flame stabilizing on the flame arrester element for an extended period.

Fidicon offers a wide variety of arrester products with maximum flow to pressure drop characteristics. Our portfolio includes in-line, free vent, high pressure deflagration and detonation flame arrestors. Fidicon's flame arrestors use spiral wound, crimped-metal ribbon flame cell elements to inhibit flame propagation by absorbing and dissipating heat, and are designed to provide maximum flow with a minimum amount of pressure drop across the element. Flame arrester sizes range from 1/2 inch up to 16 inches.

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE | **Size:** 1" to 24"

■ FLAME ARRESTOR (END OF LINE - FREE VENT TYPE) (MODEL NO. FDI - FA - 706)



End offline flame arrester used in petroleum storage tank vents. Application is in preventing fire in the atmosphere from entering an enclosure. End off line flame arrestors prevent fire from igniting an explosive atmosphere such as in a refinery. Flame arrestors may be installed in furnace air inlets & exhaust stacks.

Usage and applications of flame arrester:

- (1) To stop the spread of an open fire
- (2) To limit the spread of an explosive event that has occurred
- (3) To protect potentially explosive mixtures from igniting
- (4) To confine fire within an enclosed, controlled, or regulated location

Material of Construction: Aluminium, carbon steel, SS304, SS316, Hastelloy, PTFE | **Size:** 1" to 24"

Safety Equipments

■ BACK PRESSURE REDUCING VALVE (MODEL NO. FDI - BPRV - 705)



Our organization is engaged in manufacturing and supplying a wide range of Pressure Reducing Valve. These products are demanded widely in various industries and are appreciated for their durability, reliability and optimum performance. Ideal for use in field regulator applications, high pressure industrial air or gases and various other areas, this range is stringently tested on various parameters of quality by our skilled personnel.

Specifications of Back Pressure Relief Valve

Material: Alloy

Positive Pressure: 280~2000mm H₂O

Size: 15-200mm | **Steam temperature:** 0-285°C

■ EMERGENCY RELIEF VALVE (MODEL NO. FDI - ERV - 701)



We have in store a commendable assortment of Emergency Relief Valves, which is precision made under the surveillance of our assiduous and enthusiastic professionals in tandem with the industry.

Moreover, these experts make use of advanced machinery and production tools to fabricate this range. In addition to this, to meet variegated needs of the clients, we offer these valves in multifarious specifications along with customization options as per their tastes.

Size: 1" to 24"

■ GAUGE HATCH (MODEL NO. FDI-GH-709)



FIDICON Gauge Hatches are used the world over to control evaporation losses and protect tanks against excessive pressure or vacuum.

Features:

FIDICON Gauge Hatch consist of a hinged and self-closing cover which sets on base. A Cushioned air seat provides a tight seal. The cover is opened by the foot. The Paddle is designed with serrated surface to avoid foot slippage while. Operating FIDICON model permits the use of both hands for gauging or sampling. Removal of foot permit the cover to fall by gravity.

Size: 1" to 24"

■ FLAME ARRESTOR (DRUM TYPE) (MODEL NO. FDI - FA - 711)



Drum vent Flame arrestor are safety device designed to extinguish or check the travel of flame in pipelines and ducts and to prevent flame spreading from them into or out of plant and equipment's. Available in sizes from 1/2" to 4 elements are stainless steel with a cast aluminium, carbon steel or stainless steel casing.

Being a well-known manufacturer, exporter and supplier in this domain, we are involved in providing a commendable assortment of Drum vent Flame Arrestor. This arrestor is a safety equipment which prevents flashback of fire into the drums. Highly demanded in the global market, this arrestor is manufactured by deft professionals using quality-tested stainless steel and brass. The offered Drum Flame Arrestor can be purchased from us in bulk at competitive prices.

Safety Equipments

■ BREATHER VALVE (PRESSURE & VACUUM PIPE WAY TYPE) (MODEL NO. FDI-BV-712)



Breather valves are safety devices required for storage tanks/containers/gas or vapour pipe lines/ reactors etc. having chemicals or any other fluid to be handled carefully. Breather valves with desiccants are used during transportation of sensitive equipment's / goods to protect from pressure differentials due to change in climatic conditions.

We are manufactures Pressure Vacuum Relief Valves (PVRV), Breather Valves, Safety Relief Valves and Vacuum Breaker Valves of wide range to meet the industry requirements. In case of combustible fluids storage the safety valves should be used along with flame arrestors. The valves are available as PRESET with dead weight setting and adjustable spring-loaded arrangement.

Size: 1" to 24"

■ BREATHER VALVE (PRESSURE TYPE) (MODEL NO. FDI - BV - 713)



Pressure/vacuum relief valves are protection device which are typically mounted on a nozzle opening on the top of a fixed roof atmospheric storage tank. In reality, properly sized opening on the tank roof protects the tank from rupture or imploding.

However, it constantly out breath and in breath and during out breathing cycle it losses the vapours to atmosphere and possesses constant fire hazard. This can be prevented by installation of pressure/vacuum relief valve. Cost of loss of vapours totally outweighs the cost of Breather Valve.

Being a well-established organization, we bring forth an excellent assortment of Pressure and Vacuum Breather Valve.

Size: 1" to 24"

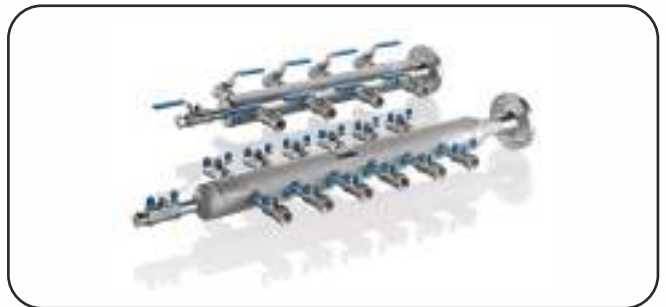
■ BREATHER VALVE (VACUUM TYPE) (MODEL NO. FDI-BV-714)



We offer high quality Vacuum Breather Valves which are designed to meet the industry requirements. Used as safety devices for storing tanks, containers, gas or vapour during transportation. These are available with reset dead weight setting and adjustable spring loaded arrangement.

Size: 1" to 24"

■ AIR HEADER (MODEL NO. FDI-AH-715)



Leveraging on the support of our extensive know-how, we have been able to manufacture, supply and trade finest quality Air Header. Our offered range is designed and engineered from high quality metals and alloys that are obtained from reliable vendors of the market. Engineered as per defined quality regimes, these products are ensured for their perfect usage in multiple application areas.

Features: Dimensional accuracy, Sturdy construction, Durable



■ PRESSURE REDUCING STATION (MODEL NO. FDI-PRS-716)

We are well known enterprise engaged in supplying highly viable Pressure Reducing Stations. Our vigilant approach makes us able to source innovative design of these stations that works best for low pressure duty.

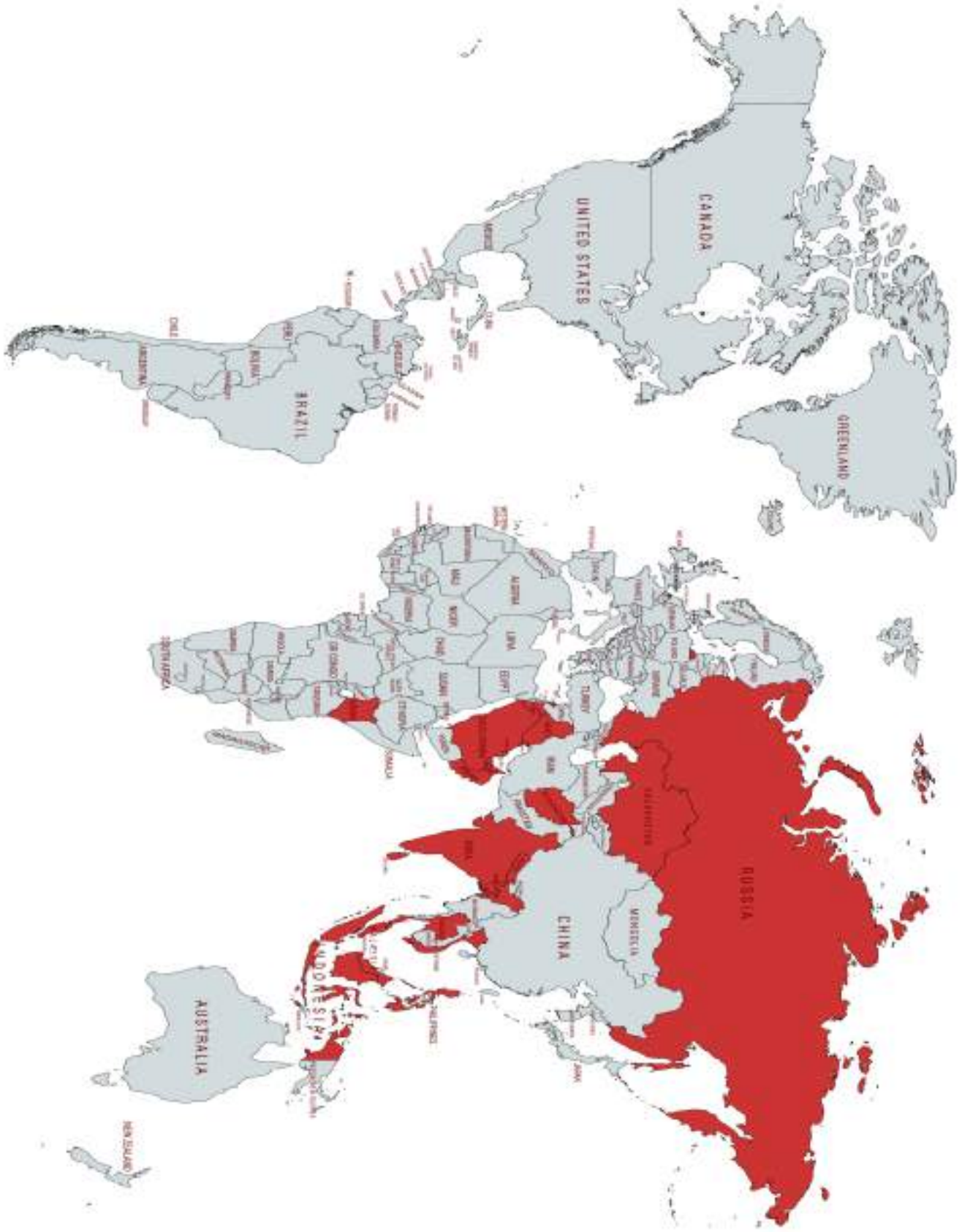
We are procuring these valve stations for leading manufacturers and can provide varied models at application specific flow rate, pressure, and temperature ratings at a competitive price.

Features: Excellent downstream control, Robot operated control valve, 40:1 turn down ratio

Our Clientele

 ADITYA BIRLA GROUP	 Cadila Healthcare Limited	 ESSAR OIL & GAS	 glenmark A new way for a new world	 Hindustan Unilever Limited
 Reliance Industries Limited	 INDOFIL INDUSTRIES LIMITED	 CADILA PHARMACEUTICALS LIMITED	 Inspired by Science	 Pidilite
 Berger Paint your imagination	 RALLIS A TATA Enterprise	 SUN PHARMACEUTICAL INDUSTRIES LTD	 Castrol	 United Phosphorus Ltd
 WOCKHARDT	 ZCL CHEMICALS LTD.	 एनटीपीसी NTPC	 Jindal JINDAL GROUP ENJOY YOUR HAPPINESS	 OGPC A member of DMEK Group
 NPCIL	 ओएनजीसी ONGC	 ABG SHIPYARD LIMITED	 VOLTAS A TATA Enterprise	 WELSPUN
 Odisha Power Generation Corporation OPGC Power for Progress	 vedanta transforming elements	 भारत अणु BARC ORGANIZATION FOR THE SERVICE OF THE NATION	 torrent POWER	 adani™
 Piramal	 LUPIN	 Aventis Aventis Pharma	 TEVA TEVA PHARMACEUTICALS	 SRF
 asianpaints	 HINDUSTAN PETROLEUM CORP. LTD.	 पावरग्रिड Power Grid Corporation of India		 JOHN DEERE
 एफ.सी.आर.आई. F&A	 इंडियनऑयल IndianOil	 HUBER	 Bharat Petroleum	 DCM SHRIRAM Growing with trust.

OVERSEAS



FIDICON DEVICES INDIA™
(AN ISO 9001 : 2015 CERTIFIED CO.)

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