

S.A.INSTRUMENTS AND SYSTEMS



An ISO 9001:2015 Company



H-4011, Opp.BSNL Telephone Exchange, Kalyan - Badlapur Road, Buwapada, Ladinaka, Behind Laxmi Kirana Stores,
Ambarnath - West, Dist - Thane, Mumbai - 421501, India

email: sainstrumentsandsystems@gmail.com / sales@sainstrumentsandsystems.com,

Web: www.indiamart.com/sa-instruments-systems/ www.sainstrumentsandsystems.com

Mobile No: +91-8291798610 / +91-9503764169

!!Jai Mata Di!!

Gas Equipment's*Lab Instruments*Analytical Instruments*Chromatography Consumables and Fittings*Chemicals & Glassware's

Gas Cylinder Regulator



Gas pressure regulators are used to reduce the pressure of gas supplied from a high-pressure cylinder of gas to a workable level that can be safely used for operating equipment and instruments.

There are two basic types of gas pressure regulators: single-stage and two-stage.

Single-stage pressure regulators reduce the cylinder pressure to the delivery or outlet pressure in one step.

Two-stage pressure regulators reduce the cylinder pressure to a working level in two steps. Since the performance of each is influenced by mechanical characteristics, the choice of gas regulator depends on the type of application for which it is intended.

Our Cylinder Regulator is of two types that is available in brass chrome plated body with SS diaphragm and SS body with SS diaphragm. The regulator comprises of inlet & outlet pressure gauge.

Inlet pressure gauge displays the total pressure of cylinder and outlet pressure gauge shows the regulated pressure.

Specification:

- High pressure piston type regulator & regulators for corrosive gases like ammonia, and chlorine
- Inlet pressure range: 0-240kg/cm
- Outlet pressure range:0-14kg/cm diaphragm
- Outlet pressure range:0-40, 0-70, 0-100kg/cm piston type

Regulator Specifications

- Type : Single Stage / Double Stage
- Material of construction : SS 316 / Brass Chromplated
- Diaphragm : SS 316 with Teflon Seat
- Pressure Gauges : SS 316 / Brass
- Inlet Pressure : 0-210 kg/cm², 0-280 kg/cm²
- Outlet Pressure : 0-14 kg/cm² , 0-16 kg/cm² / as per requirement
- Flow (LPH) : 300 (max)
- Gas Services : Air, N₂, H₂, HE, Acetylene, Argon, N₂O, Methane, Ammonia, HCL,Chlorine, SO₂,Isobutene & other gases.
- Outlet Connection : 1 /4, 1/8 Swage lock /Hose
- Inlet Connection : As per requirement of Gas

High-Purity Gas Service

The ideal construction for high-purity gas service is a gas regulator that has a stainless steel diaphragm. Such regulators are non-contaminating and assure satisfactory use for all applications of noncorrosive and mildly corrosive gases. Regulators for corrosive gases must be selected from those recommended with each gas listing.

To operate a pressure regulator, you should be trained in its proper use or be under competent supervision.

1. Use safety glasses when installing and operating gas handling equipment.
2. Mark each new gas regulator with its intended gas service and never use a regulator for more than one service.
3. Never use a regulator as a shut-off valve. Be certain that the gas stream is shut off at its source when not in use.
4. Be certain that the gas cylinder valve and regulator connection are clean and Compatible with the service for which they are used.
5. When the regulator is pressurized and/or in operation, no attempt should be made to reposition or detach the regulator.
6. Do not subject the regulator to an inlet pressure greater than is recommended.
7. Gas cylinders should be moved only on carts designed for cylinders.
8. Never move a gas cylinder without its valve protection cap in place.

We work to fulfill the needs of our valued customers, to achieve their goals and help them to gain success by providing best services and products at valuable price.