

SINGLE TYPE

DETAIL

Model **IPS-GR-01** is a single-stage, ultra high-flow, pipeline regulator. It is designed specifically for applications demanding extremely high gas flows, even at low incoming pressures. Model **IPS-GR-01** features eight functional body ports, two 1/2" NPT and six 1/4" NPT ports that can be used for a wide variety of inlet/outlet and gauge location configurations.



SPECIFICATIONS

Material of Construction	316 SS
Inlet Pressure Rating	250 Kg/cm2 max
Outlet Pressure Rating	6 Kg/cm2 max
Flow Rate	I) 0.1 to 10 LPM – for instrument application. II) 10 to 100 LPM – for others.
Service	Gas / Gas Mixture
Inlet Connection	5/8" BSP M RH / LH
Outlet Connection	1/4" OD Tube
Inlet Pressure Gauge	50 mm Stainless Steel, 1/4" NPT M,0-280 Kg/Cm2
Outlet Pressure Gauge	50 mm Stainless Steel, 1/4" NPT M,0-7 Kg/cm2

FEATURES

- **Brass barstock body and bonnet**
- **2.5" brass dual scale gauges**
- **One-piece encapsulated seat design with an internal filter and neoprene seat**
- **ABS plastic adjusting knob**
- **Neoprene diaphragm**

TYPICAL APPLICATIONS

- **High flow manifold systems**
- **High flow pipeline systems**
- **Bulk systems**

DOUBLE TYPE

DETAILS

Model **IPS-GR-02** is a standard for general purpose, laboratory, industrial and welding applications where neoprene diaphragms are acceptable. It is designed for applications where a constant delivery pressure is required over a wide range of inlet pressures. Low pressure models feature neoprene seats. Model **IPS-GR-02** feature stainless steel diaphragms.



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FEATURES

- **SS body and painted brass bonnet**
- **2" steel dual scale gauges**
- **One-piece encapsulated seat design with an internal filter and PTFE Teflon® seat (low pressure models (NC) have a neoprene seat)**
- **SS screw handle**
- **Neoprene or stainless steel diaphragm**

TYPICAL APPLICATIONS

- **Industrial welding**
- **Laboratory**
- **General purpose**