

REGULATOR

SERIES HSG-PR160 CALIBRATION GAS REGULATOR FOR NON-REFILLABLE CYLINDER - NON-CORROSIVE SERVICES

Description

The single-stage, piston type calibration gas regulators, Series HSG-PR160, are specifically designed for the use with high purity, non-corrosive, calibration gases in disposable cylinders using a 5/8"-18 UNF (C-10) valve. The control valve permits constant gas flow and easy for on/off. Each regulator comes with a cylinder pressure gauge and is available in four preset flow models.



HSG-PR160

Standard Specification

Maximum inlet pressure	: 1000 psig
Outlet flow settings	
Model HSG-PR160/050	: 0.50 LPM
Model HSG-PR160/100	: 1.00 LPM
Model HSG-PR160/150	: 1.50 LPM
Model HSG-PR160/250	: 2.50 LPM
Model HSG-PR160/500	: 5.00 LPM
Inlet fitting	: 5/8" - 18 UNF (C-10)
Outlet fitting	: 3/16" Hose Barb
Temperature range	: -17°C to + 60°C

Material Of Construction

Body	: Brass bar stock
Spring housing cap	: Chrome-plated brass bar stock
Diaphragm	: Teflon lined 316L stainless steel
Seat	: Teflon
Piston	: Brass
Piston "O" rings	: Buna-N®

Key Features

- Piston type construction
- Control valve permits constant flow and easy on/off
- 1.5" X 1200 psig gauge
- 6 preset flows : 0.5LPM, 1.0LPM, 1.5LPM, 2.5LPM, 5.0LPM

Typical Applications

- Disposable cylinders of non-corrosive gases
- Disposable cylinders of reactive gases (PR160S)
- Instrument on-site calibration
- Environmental monitoring