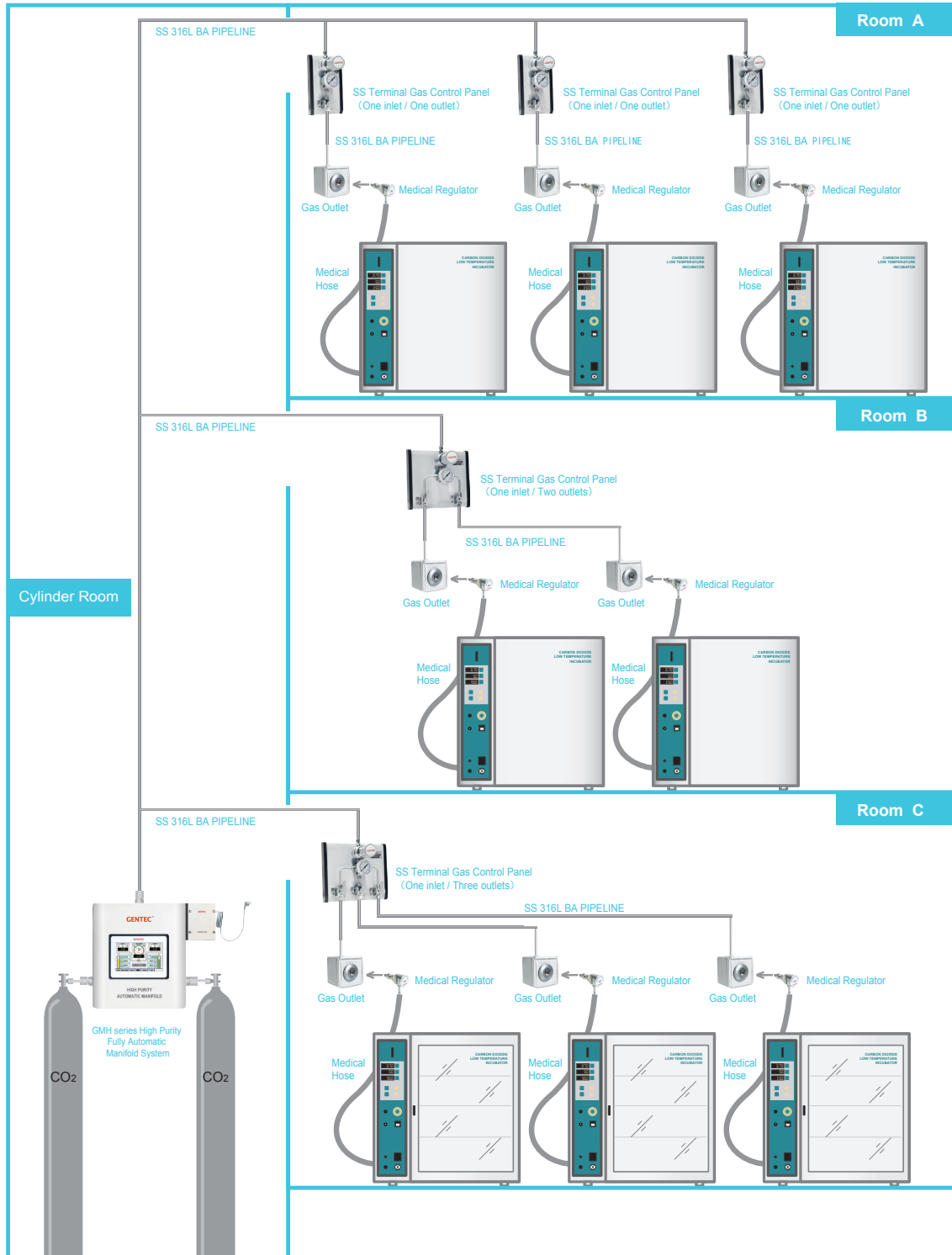




High Purity Fully Automatic Gas Control System

High Purity Fully Automatic Gas Control System



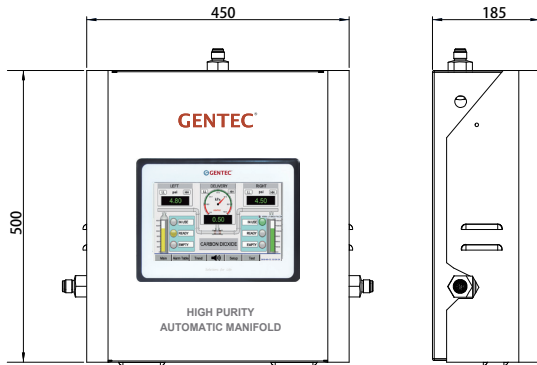
GMH Series High Purity Automatic Manifold



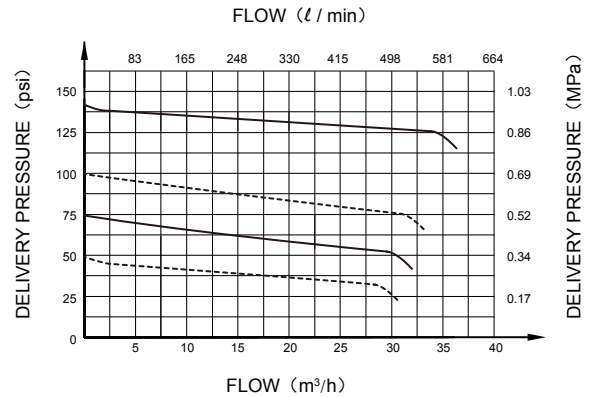
Features

- Adopting patented new technology, GENTEC® GMH series High Purity Automatic Manifold incorporates stainless steel diaphragm-type pressure regulator with pressure chamber, pilot-oriented solenoid valves, and backup secondary regulator to ensure the pipeline is properly and precisely supplied with gas even during maintenance or power failure.
- Convenient monitoring for all real-time information of your manifold system (pressure levels of each source, delivery pressure, alarm table, trend log, and more) in an integrated display, which in turn can be forwarded to the control room and even displayed on your smartphone.
- Auto-generated alarm table and trend log displayed on the 10" (25.4cm) Touch Screen Display with Password protected interface. Full networking capabilities including RS485, Modbus RTU/TCP, UDP protocols.
- Wetted areas of the system and valves are made of 316L stainless steel material and go through strict cleaning treatment. Stainless Steel 316L Bright Annealed pipes with arc welded to ensure clean and high-purity gas delivery.
- Suitable for In-vitro Fertilization Center (IVF) and laboratories; with maximum inlet pressure of 20 MPa (3000psi) and 30m³/h (1060 SCFH) flow rate.
- Each product has undergone rigorous factory inspections and passed the helium leak detection test to ensure product quality and air tightness.

Dimensions



Flow Data



Ordering Information

GMH-T	L	- CO2	- U	(2L x 2R	- S	2)	
Series	Outlet Type	Gas Service	Standard Code	Number of Cylinders	System Layout	Cylinders Valve Spacing	
GMH-A: Analog GMH-D: Digital GMH-T: Touch-screen	ISO Standard L: 0.5 MPa M: 0.8 MPa	USA Standard L: 55 psi M: 100 psi	CO2: Carbon dioxide N2: Nitrogen He: Helium X+Y+Z: Mixed Gas	U: NFPA 99 (USA) E: ISO 32	Left side X Right side	S: Standard layout L: "L" Shape layout U: "U" Shape layout D: Crossover layout X: Staggered layout	1: 5" (127 mm) 2: 10" (254 mm) 3: 13" (330 mm) 4: 18" (457 mm)

P42 Series Terminal Gas Control Panels

Features

- Designed for terminal gas control
- Easy-to-read 2" stainless steel pressure gauges
- Single panel configuration for easy installation
- Maximum Outlet pressure: 25 ~ 50 psi
- Maximum inlet pressure: 500 psi
- Working temperature: -40°C ~ 74°C (-40°F ~ 165°F)



P4211SL

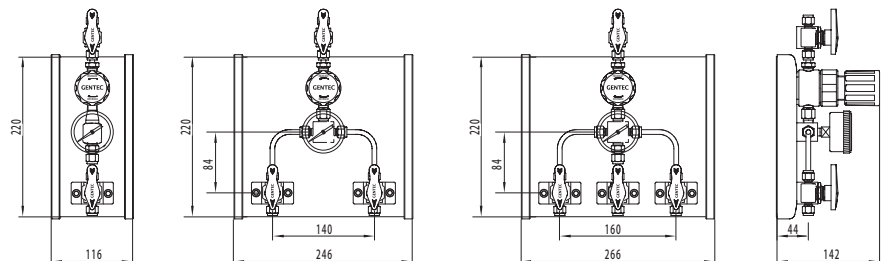


P4221SL



P4231SL

Dimensions



Ordering Information

P4211SL	- L	G	- B	12	B	12	- CO ₂
Series	Max.Outlet Pressure	Gauge	Inlet Valve	Inlet Connection	Inlet Valve	Outlet Connection	Gas Options
P4211SL: One inlet / one outlet	L: 0.17 MPa K: 0.35 MPa	P: psi / bar K: psi / kPa	B: Ball Valve	12: 1/4" GENLOK	B: Ball Valve D: Diaphragm Valve N: Needle Valve	12: 1/4" GENLOK	N ₂ : Nitrogen CO ₂ : Carbon dioxide NC: Nitrogen + Carbon dioxide
P4221SL: One inlet / two outlets							
P4231SL: One inlet / three outlets							

3816 Series High Purity Stainless Steel Gas Outlets

Features

- Manufactured in an ISO 13485 certified facility, conforms to ISO 9170-1 and DIN 13260-2.
- Detachable protective cap
- Stainless steel material, available in 90° and 180° inlet direction
- Color-coded for easy gas service identification
- Pass the air tightness test, with built-in maintenance valve. No need to disassemble the panel for maintenance



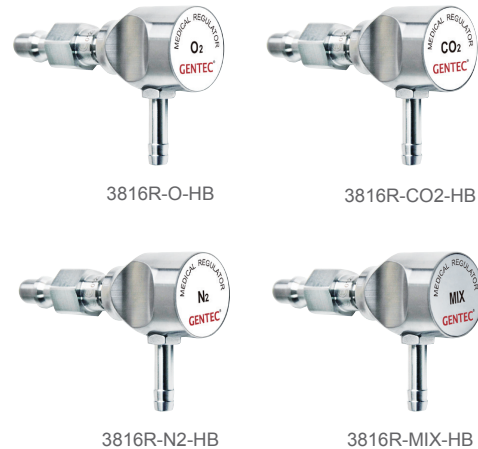
Ordering Information

3816E	- O	- S	P8	- SL
Series	Gas Options	Inlet Direction	Inlet Specifications	Material
3816E: Console Outlet 3826E: Surface Mount Outlet	O: Oxygen N ₂ : Nitrogen CO ₂ : Carbon dioxide MIX: Mixed gas	S: 90°	P8: 8mmOD Tubing	SL: Stainless Steel

High Purity Low Pressure Stainless Steel Regulators

Features

- Made of 316L stainless steel material, meets the requirements of high purity gas
- Outlet pressure: 30 ~ 50 psi
- Compact structure, can be directly connected to the gas outlets to transport gas to the medical gas devices





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