

5100 series dual manifold system is a simple gas delivery system which provides a maximum of 2 cylinders in service at one time . This non-extendable system is suitable for maintenance and gas applications where only one cylinder is in service at any given time and a manual changeover is required.

## Features

- Silver brazing on piping joints for maximum leak prevention
- Individual Header Valves
- Headers have been tested to withstand high cylinder pressure
- Wall mount installation only

## Standard Construction

- 24" flexible high pressure stainless steel braided pigtails\* with check valve, Rigid copper pigtails are standard when gas service is oxygen. Pigtails for acetylene models are equipped with dry flashback arrestor.
- Gentec's high flow regulator series 153M-A.
- Carbon Dioxide manifold systems are provided with 155CG electric heating regulator. Siphon cylinder should not be used in the manifold system.



## Specifications

Series	Gas Service	Max. Inlet Pressure psi (bar)	Delivery Pressure psi (bar)	Max. Delivery Flow SCFH (m³/h)	Outlet Connection	Pigtail Specifications
5100X	Oxygen	3000 (207)	10~200 (0.7~14)	3500 (100)	3/4" NPT (M)	Pigtail, CGA540
5100C	Carbon Dioxide	3000 (207)	5~125 (0.35~8.6)	2100 (60)	3/4" NPT (M)	Pigtail, CGA320
5100IN	Argon, Nitrogen, Helium	3000 (207)	10~200 (0.7~14)	3500 (100)	3/4" NPT (M)	Pigtail, CGA580
5100H	Hydrogen	3000 (207)	10~200 (0.7~14)	10500 (300)	3/4" NPT (M)	Pigtail, CGA350

Please specify the "model number" when ordering.  
For example: 5100X indicates a dual "oxygen" manifold system.

# 5200 SERIES

Single-Bank Manifold Systems

Manifold Systems

5200 series Single-bank manifold system is designed for a single source of gas supply from one cylinder bank. Although this system can be used as a main delivery system, it is typically used in industrial and medical applications as a high pressure emergency back-up system for liquid vessel or bulk systems.



## Features

- Open-style manifold
- System can be designed for right or left bank
- Silver brazing on piping joints for maximum leak prevention
- System is designed to accommodate future expansion needs
- System is mounted with gas filters
- Pressure switch port is available
- Headers have been tested to withstand high cylinder pressure
- Wall or floor mount available

## Standard Construction

- 24" flexible high pressure stainless steel braided pigtails\* with check valve, Rigid copper pigtails are standard when gas service is oxygen. Pigtails for acetylene models are equipped with dry flashback arrestor.
- Gentec's high flow regulator series 155M-A.
- Carbon Dioxide manifold systems are provided with 155CG electric heating regulator.
- Siphon cylinder should not be used in the manifold system.

## Specifications

Series	Gas Service	Max. Inlet Pressure psi (bar)	Delivery Pressure psi (bar)	Max. Delivery Flow SCFH (m <sup>3</sup> /h)	Outlet Connection	Pigtail Specifications
5200X	Oxygen	3000 (207)	10~200 (0.7~14)	3500 (100)	3/4" NPT (M)	Pigtail, CGA540
5200C	Carbon Dioxide	3000 (207)	5~125 (0.35~8.6)	2100 (60)	3/4" NPT (M)	Pigtail, CGA320
5200IN	Argon, Nitrogen, Helium	3000 (207)	10~200 (0.7~14)	3500 (100)	3/4" NPT (M)	Pigtail, CGA580
5200Q	Air	3000 (207)	10~200 (0.7~14)	3500 (100)	3/4" NPT (M)	Pigtail, CGA590
5200H	Hydrogen	3000 (207)	10~200 (0.7~14)	10500 (300)	3/4" NPT (M)	Pigtail, CGA350