

## REGULATORS

### Analytical Series

## Analytical Series Point-of-Use Manifolds



### Design Features

#### Compact Design

Minimal space requirements while providing exact pressure and flow control at the instrument

#### Maintains Gas Purity

Specifically cleaned for all analytical instruments and detectors using high-purity gases

#### Provides Precise Gas Pressure and Flow Control

Maintains a constant flow to the instrument; metering valve provides exact flow control

**Description:** These unique Point-of-Use block manifolds are ideal for analytical applications using high-purity gases (99.9999% pure) where the central gas supply is located outside the laboratory and the final pressure and flow control is required at the instrument.

Each manifold consists of a packless diaphragm inlet valve, a high-purity line regulator with a gauge and an outlet metering valve all in a very compact design. Multiple manifolds can be mounted onto a single backplate so all gas streams are controlled at one location.

Each block has three inlets and three outlets so you can easily configure them based on the orientation of the gas lines feeding the block and alignment of instruments in relationship to the manifold. The multiple outlets also allow multiple instruments to be supplied with gas from one manifold.

The compact design of this manifold makes it easy to incorporate into your lab furniture so it fits well into the overall look of your laboratory.

**Gas compatibility:** Manifold is oxygen compatible and compatible with most other gases used in a laboratory, It is NOT compatible with acetylene. Manifolds specifically designed for Acetylene and can be quoted based on your specific requirements.

### Materials

<b>Manifold Block</b>	Aluminum or 316 Stainless steel
<b>Regulator Diaphragm</b>	Bellows on aluminum 316 stainless steel on stainless steel
<b>Inlet valve</b>	Packless diaphragm
<b>Outlet Valve</b>	Needle
<b>Inlets(3)</b>	¼"fnpt
<b>Outlets(3)</b>	¼"fnpt

### Ordering Information

Product Number	Material	Panel Mounted	Gas Legs	Ports	Max Inlet Pressure (psig)	Outlet Pressure (psig)	Outlet Gauge Range (psig)
Y15-1G1P244	Aluminum	no	1	1 - ¼" NPTF	725	150	0 - 200
Y15-1G1P244P	Aluminum	yes	1	1 - ¼" compression	725	150	0 - 200
Y15-2G1P244P	Aluminum	yes	2	2 - ¼" compression	725	150	0 - 200
Y15-3G1P244P	Aluminum	yes	3	3 - ¼" compression	725	150	0 - 200
Y15-4G1P244P	Aluminum	yes	4	4 - ¼" compression	725	150	0 - 200
Y15-1G4P244	316 stn steel	no	1	1 - ¼" NPTF	725	150	0 - 200
Y15-1G4P244P	316 stn steel	yes	1	1 - ¼" compression	725	150	0 - 200
Y15-2G4P244P	316 stn steel	yes	2	2 - ¼" compression	725	150	0 - 200
Y15-3G4P244P	316 stn steel	yes	3	3 - ¼" compression	725	150	0 - 200
Y15-4G4P244P	316 stn steel	yes	4	4 - ¼" compression	725	150	0 - 200