



Decaturion™ D1-M2

Two Valve Manual Gas Panel



SEMI-GAS® supplies SEMI S2 certified, production-ready ultra high purity gas source systems, distribution systems and control technology to leaders in the Semiconductor industry and related high-tech fields. Built to address the most rigorous precision and purity demands of these specialized applications, SEMI-GAS® solutions are globally renowned for their premier levels of safety, quality, and performance.

DESIGN STANDARDS

- ◆ Conforms to SEMI S2 Standards
- ◆ Conforms to Uniform Building and Fire Codes
- ◆ Upholds Sample Validation Testing Standards
- ◆ Helium Leak Tested to 1×10^{-9} atm-cm³/sec

FEATURES

- ◆ Designed for Nitrogen and Other Self-Purging Gases
- ◆ Manual Pigtail Purge Capability
- ◆ Gauge Based Pressure Monitoring
- ◆ Assemblies Front-Mounted on Standoffs for Easy Access and Manifold Maintenance
- ◆ Ultra High Purity Orbitally Welded and VCR Construction
- ◆ Ultra High Purity Diaphragm Valves
- ◆ Single Stage Tied Diaphragm Regulator
- ◆ Conical Filter Gasket
- ◆ Includes Rigid Pigtail with Standard CGA Connection

ENGINEERING DATA

- ◆ 1/4" Tube
- ◆ 3500/100 psi Max Inlet/Outlet Pressure
- ◆ Dimensions: 31" T X 14" W X 12" D

OPTIONS

- ◆ Outlet Isolation Valve
- ◆ Retrofittable to Centurion™ Gas Cabinet Installation
- ◆ Purge Gas Purification



ORDERING INFORMATION

Contact your SEMI-GAS® sales rep or visit www.semi-gas.com

BY APPLIED ENERGY SYSTEMS

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DECATURION-D1-M2-082016-V1

SAFETY FEATURES

- ◆ **Purge Gas Bleed Valve** for manifolds and piping systems with large internal volumes or line lengths (optional)
- ◆ **Dual Cylinder Restraints** for applications that require additional cylinder security or are located in seismic zones (required for specific seismic areas)

ORDERING INFORMATION

Example: Two-Valve Manual Gas Panel



Product

C = Decaturion™ Wall Mount System

Configuration

1 = 1 Cylinder
2 = 2 Cylinder

Control

M = Manual
S = Semi Automatic
A = Fully Automatic

Process Manifold

2 = 2-Valve (for inert gases)
3 = 3-Valve (for inert gases)
5 = 5-Valve (for toxic, flammable, and reactive gases)

Operation

X = Autoswitchover
N = Independent Processes

Purge

P = Purge
O = No Purge

Option

R = Rack

*All Decaturion™ Wall Mount Systems can be customized to meet unique specifications. Contact your SEMI-GAS® sales rep for details.

