SEMIGAS® 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.
SAFETY FEATURES

- **Coaxial Tubing** for toxic and hazardous gas applications (optional)
- **Door Switch Monitor** for applications that require extra security and/or limited access (optional)
- **UV/IR Detector** for pyrophoric gas applications including silane and silane mixtures greater than 1.37% (required for silane)
- **Rate of Rise Heat Detector** for flammable gas applications (optional)
- **Hazardous Gas Detector** for all hazardous, toxic, and/or flammable gas applications (required for silane, consult local codes for all other gases)
- **Purge Gas Bleed Valve** for manifolds and piping systems with large internal volumes or line lengths (optional)

- **Controller Z-Purge Kit** for systems installed in Class 1 Division 2 hazardous locations, as well as applications for silane and silane mixtures greater than 1.37% (required for silane)
- **Dual Cylinder Restraints** for applications that require additional cylinder security or are located in seismic zones (required for specific seismic areas)
- **Auto-Guard TM Cylinder Connection Cover** for preventing accidental disconnection of a hazardous gas cylinder from a gas source manifold (optional)
- **Shutboy Software Upgrade** to accommodate Shutboy valve shutters for automatically closing the gas cylinder valve during emergency situations (optional)

ORDERING INFORMATION

Example: Two Cylinder Fully Automatic Gas Cabinet

<table>
<thead>
<tr>
<th>Product</th>
<th>Configuration</th>
<th>Control</th>
<th>Process Manifold</th>
<th>Operation</th>
<th>Purge</th>
<th>Option</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>2</td>
<td>A</td>
<td>5</td>
<td>NO</td>
<td></td>
<td>I</td>
<td>S</td>
</tr>
</tbody>
</table>

**Product**

C = Centurion™ Gas Cabinet

**Configuration**

1 = 1 Cylinder
2 = 2 Cylinder
3 = 3 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**

I = Individual Process Cabinets
S = System Upgrades for Silane

*All Centurion™ Gas Cabinets can be customized to meet unique specifications. Contact your SEMI-GAS® sales rep for details.*