The SDC PureCursor™ Liquid Delivery System is an Ultrahigh Purity liquid chemical delivery system designed for use in CVD and other applications. The single container PureCursor LDS is a FULLY AUTOMATED system using a pressure dispense method. It is capable of housing vessel sizes up to 90 liters (depending on chemical supplier). Fitted with its optional purgeable splitter manifold, the PureCursor can independently deliver to 2, 3 or 4 points-of-use.

The PureCursor LDS can be configured as a small single source system, or as a bulk auto-switchover system for higher usages and uninterrupted supply. Let SDC configure a budget conscious unit that meets your exact requirements!
Process Panel Features

- Ultra-High Purity [UHP] 316L SS or VAR
- Surface finish 10 Ra
- Springless diaphragm valves
- Precision pressure transducers
- UHP orbitally welded w/strategic VCR® breaks
- Helium leak tested to $1 \times 10^{-9}$ atm*cc/s
- CLASS 100 / CLASS 10 clean room assembly and test

Other Standard Features

- 11 gauge, fully seam-welded enclosure
- 110% spill containment
- Sump liquid leak sensor
- Self-closing, self-latching door and access door
- 110% spill containment

Codes and Standards Referenced

- ASME Section IX
- SEMI S-2
- NFPA® 79, 496, [NEC®]
- Factory Mutual®
- CE®

**FACILITIES REQUIREMENTS**

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Pressure</th>
<th>Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic Supply</td>
<td>adjustable to 90 psig</td>
<td>1 slm max.</td>
</tr>
<tr>
<td>Process Purge</td>
<td>adjustable to 80 psig</td>
<td>30 slm max.</td>
</tr>
<tr>
<td>Vacuum Drive</td>
<td>adjustable to 85 psig</td>
<td>85 slm max.</td>
</tr>
<tr>
<td>Process Vent</td>
<td>&gt;1.0” WC</td>
<td>100 slm</td>
</tr>
<tr>
<td>Power</td>
<td>115V/3A</td>
<td>N/A</td>
</tr>
<tr>
<td>Sprinkler [if used]</td>
<td>30 psig</td>
<td>31 gpm</td>
</tr>
<tr>
<td>Exhaust*</td>
<td>&gt;0.15 H2O</td>
<td>250 scfm</td>
</tr>
</tbody>
</table>

* Damper must be adjusted to meet 200 fpm face velocity as required by UFC.