Enriched 72 Germanium Tetrafluoride SDS®2 Safe Delivery Source (\(^{72}\text{GeF}_4\))

Note: Delivery capacity (grams) at 20 torr. Actual capacity is a function of final cylinder pressure.

**Cylinder Specifications**
- D.O.T. (3AA2015) approved
- Carbon steel cylinder
- 1/4” VCR® type cylinder connection
- Stainless steel diaphragm valve
- Cylinders filled to 650 torr at 70° F (21°C) and not to exceed 700 torr at 70° F (21°C).
- Adsorbant material in SDS®2 is carbon

**Cylinder Dimensions**

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>JY (in)</td>
<td>17.55</td>
<td>14.62</td>
<td>13.16</td>
<td>4.15</td>
</tr>
<tr>
<td>(mm)</td>
<td>445.78</td>
<td>371.35</td>
<td>334.26</td>
<td>105.41</td>
</tr>
<tr>
<td>WY (in)</td>
<td>15.75</td>
<td>13.50</td>
<td>11.75</td>
<td>2.00</td>
</tr>
<tr>
<td>(mm)</td>
<td>400.10</td>
<td>342.90</td>
<td>298.50</td>
<td>50.50</td>
</tr>
</tbody>
</table>

Gas Purity (ppmv)
- Germanium Tetrafluoride ≥ 99.9%
- \(^{72}\text{GeF}_4\) ≥ 50%
- Argon < 25
- Carbon Dioxide < 25
- Hydrogen Fluoride < 25
- Nitrogen < 25
- Oxygen < 25
- Sulfur Dioxide < 25

Shelf life: 2 years

Purity specifications based on source gas.