

Product Name:	CGSP-1 CS
Description:	<p>The CryoGuard Class with Sentry Plus Auto-Fill Controller and Cardboard Package System</p> <p>CryoGuard Stainless Steel Tank includes:</p> <p>Stainless Steel outer &amp; inner tank wrapped with super insulate</p> <p>(5) lockable casters</p> <p>Hinged lid with locking provision</p> <p>Foldable skid free step</p> <p>One Pair CryoGloves</p> <p>Inner aluminum inventory carousel</p> <p>6 ft. armor plated transfer hose</p> <p>Fully operational battery back-up</p> <p>(182) 2" Cardboard Box with 100 Cell Divider</p> <p>(52) 2" Cardboard Box with 25 Cell Divider</p> <p>(14) L13R – Large Racks that hold (13) 2" boxes</p> <p>(4) S13R -mini racks that hold (13) 2" mini boxes</p> <p>Liquid Level Measuring Ruler</p> <p>Sentry Plus Auto-Fill Controller features:</p> <ul style="list-style-type: none"> <li>• Power-Guard battery back up</li> <li>• Freeze-Guard overflow protection</li> <li>• Quick-chill temperature recovery</li> <li>• Auto-defog visibility safety</li> <li>• Splash-Guard false alarm prevention</li> <li>• Help button, user assistance</li> <li>• System log, alarm log, and temperature log with total 500,000 events</li> <li>• Serial port, 2 way communications</li> <li>• 4-20mA port</li> <li>• Ready for icSmart remote monitoring system</li> <li>• Keyless entry to power and control settings</li> <li>• Audio and visual alarms: <ul style="list-style-type: none"> <li>○ High temperature</li> <li>○ High/low LN2 level</li> <li>○ Valve stuck open</li> <li>○ Lid open</li> <li>○ Power failure</li> <li>○ Sensor failure</li> <li>○ Low LN2 supply</li> <li>○ Unauthorized access</li> <li>○ Usage warning</li> <li>○ Temp calibration</li> <li>○ Low battery</li> </ul> </li> <li>• LN2 level readout +/- 1" (direct sensor LN2 contact)</li> <li>• LN2 supply monitor</li> <li>• LN2 usage calculation</li> <li>• Thermocouple auto-calibration</li> <li>• Temperature control</li> </ul>

- Digital temperature display
- Temp display units: C, F, K, R
- Automatic filling
- Diagnostics at start-up
- Maintenance reminder
- 8 thermistor array

Model specifications:

Total vial capacity (2ml): 19,500

Total Bag Capacity (250 mL Bag): 500

LN2 capacity (vapor phase): 36

Total LN2 capacity (liters): 371

Static evaporation rate (liters/day): 8

Overall height (in/mm): 53/1346.2

Reach over height (in/mm): 42.5/1079.5

Usable height (in/mm): 30/762

External diameter (in/mm): 34/863.6

Internal diameter (in/mm): 29.5/749.3

Neck Diameter (in/mm): 13/330.2

Weight empty: 650 lbs

Weight full: 1311 lbs.

Shipping weight (lbs/kg) includes all components: 1250/567

Power requirements: 16.5 VAC

Three year parts and labor warranty

Five year vacuum warranty