

Product Name:	CGSP-4 PS
Description:	<p>The CryoGuard Class with Sentry Plus Auto-Fill Controller  CryoGuard Stainless Steel Tank includes  Stainless steel outer &amp; inner tank wrapped with super insulate  (5) lockable casters  Hinged lid with locking provision  (2) foldable skid free steps  Inner aluminum inventory carousel  6 ft. armor plated transfer hose  Fully operational battery back-up  Sentry plus controller  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> <li>• Digital temperature display</li> <li>• Temp display units: C, F, K, R</li> <li>• Automatic filling</li> <li>• Diagnostics at start-up</li> <li>• Maintenance reminder</li> <li>• 8 thermistor array</li> </ul>

Model specifications:  
Total vial capacity (2ml): 94,500  
Total bag capacity: 2,304  
LN2 capacity (liters / vapor phase): 300  
Total LN2 capacity (liters): 1,595  
Static evaporation rate (liters/day): 15  
Overall height (in/mm): 62/1575  
Reach over height (in/mm): 40/1016  
Usable height (in/mm): 35.3/896.6  
External diameter (in/mm): 59.5/1511  
Internal diameter (in/mm): 55/1397  
Neck diameter (in/mm): 24.5/622  
Weight empty (lbs/kg): 1700/771  
Weight full (lbs/kg): 4600/2060  
Shipping weight (lbs/kg): 2,250/1020.6  
Power requirements: 16.5 VAC  
Three year parts and labor warranty  
Five year vacuum warranty  
**Package System Includes:**  
(60) 15-2 Tower Racks  
(900) 81/100 Cell Polycarbonate Boxes  
(8) 15-2 Mini Tower Racks  
(120) 25 Cell Mini Boxes