

Product Name:	CGSP-2 CS
Description:	<p>The CryoGuard Class with Sentry Plus Auto-Fill Controller</p> <p>The CGSP-2 CS Package System includes:</p> <p>Stainless steel outer & 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>Inner aluminum inventory carousel</p> <p>(1) pair Cryo gloves</p> <p>6 ft. armor plated transfer hose</p> <p>(390) 100/81 cell cardboard boxes and dividers</p> <p>(104) 25 cell cardboard boxes and dividers</p> <p>(30) 13-2 tower racks</p> <p>(8) 13-2 mini tower racks</p> <p>Fully operational battery back-up</p> <p>Sentry plus controller</p> <p>Sentry Plus Auto-Fill Controller features:</p> <ul style="list-style-type: none"> • Power-Guard battery back up • Freeze-Guard overflow protection • Quick-chill temperature recovery • Auto-defog visibility safety • Splash-Guard false alarm prevention • Help button, user assistance • System log, alarm log, and temperature log with total 500,000 events • Serial port, 2 way communications • 4-20mA port • Ready for icSmart remote monitoring system • Keyless entry to power and control settings • Audio and visual alarms: <ul style="list-style-type: none"> ○ High temperature ○ High/low LN2 level ○ Valve stuck open ○ Lid open ○ Power failure ○ Sensor failure ○ Low LN2 supply ○ Unauthorized access ○ Usage warning ○ Temp calibration ○ Low battery • LN2 level readout +/- 1" (direct sensor LN2 contact) • LN2 supply monitor • LN2 usage calculation • Thermocouple auto-calibration • Temperature control • 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): 41,600

Total Bag Capacity (250 ml Bag): 990

LN2 capacity (liters / vapor phase): 80

Total LN2 capacity (liters): 698

Static evaporation rate (liters/day): 9

Overall height (in/mm): 53/1346.2

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

Usable height (in/mm): 30/762

Exterior diameter (in/mm): 45/1143

Internal diameter (in/mm): 40.5/1028.7

Neck Diameter (in/mm): 18/457.2

Weight empty (lbs/kg): 920/417.3

Weight full (lbs/kg): 2164/981.6

Shipping weight (lbs/kg) includes all components: 1860/843.7

Power requirements: 16.5 VAC

Three year parts and labor warranty

Five year vacuum warranty