Cryosystems XC Series

Custom BioGenic Systems®

The Cryosystems XC Series tanks have capacities ranging from 700–5000 straws and 150 to over 1000 vials.

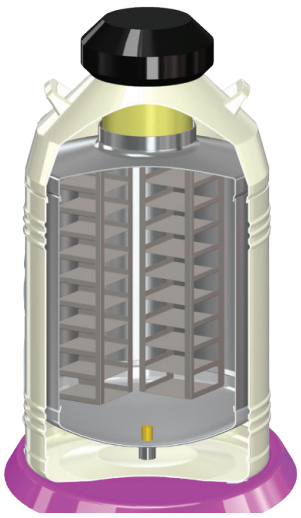
Manufactured to a world class level of excellence and backed by an industry-leading 5 year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments.

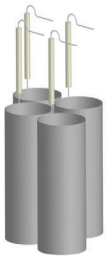
Features:

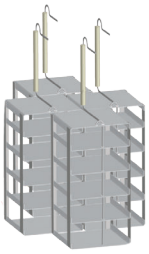
- Lockable hinged lids.
- Convenient, lightweight package.
- Low liquid nitrogen consumption.
- Designed for large capacity storage.
- Easy access to store or retrieve samples.
- Square racks with boxes or canister and cane storage.
- Alarm Options: Add On

Features/Specifications

	XC 20/20	XC 33/22	XC 34/18	XC 47/11	XC 47/11-10	XC 32/8
Storage Capacities	0	0	0	0	0	
Maximum number of racks	N/A	N/A	N/A	6	N/A	N/A
Number of canisters	6	6	6	6	10	9
Number of 1.2 & 2 ml vials 6 racks	N/A	N/A	N/A	750	N/A	N/A
Number of 1.2 & 2 ml vials 5/cane	210	360	630	1,320	1,050	855
Number of 1/2 cc straws 10/ cane	780	1,260	2,100	4,500	3,500	2,520
Number of 1/2 cc straws 1 level bulk	1,122	1,764	3,000	6,216	5,000	3,960
Liquid Nitrogen Usage & Capacities						
Liquid nitrogen capacity (liters)	20.5	33.4	34.8	47.4	47.4	32
Static evaporation rate (liters per day)	0.09	0.14	0.18	0.39	0.39	0.35
Normal working days	140	154	123	76	76	57
Dimensions						
Neck opening in (mm	2.18 (55.4)	2.75 (70)	3.5 (89)	5 (127)	5 (127)	3.81 (97)
Overall height in (mm)	25.7 (652)	26 (660)	26.6 (675)	26.5 (673)	26.5 (673)	21.5 (546)
Outside diameter in (mm)	14.5 (368)	18.2 (646)	18.2 (646)	20 (508)	20 (508)	18.2 (646)
Canister height in (mm)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)
Canister diameter in (mm)	1.65 (41.9)	2.22 (56)	2.81(71)	4 (102)	2.81(71)	2.62 (67)
Weight empty lbs. (kg)	26 (11.8)	34 (15.4)	34 (15.4)	36 (16.4)	36 (16.4)	30 (13.6)
Weight full lbs. (kg)	62.5 (28.3)	94 (42.5)	96 (43.5)	120 (54.6)	120 (54.6)	87 (39.5)







Alarm Options

BAT-1B

LA-2B Liquid Level Alarm

Available Accessories

- LN2 Level Stick
- Phase Separator
- Cryo Gloves
- LN2 Transfer Hose
- "Y" Connector
- "T" Valve
- Canes and Straws
- Roller Base

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