

CX & CXR Series



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Cryo Express (CX) dry shippers are designed to safely transport a variety of materials at cryogenic temperatures. The unique absorbent material prevents a liquid spill if the unit is tipped over. Storage temperature inside the shipping cavity remains at approximately -190°C until the liquid nitrogen evaporates from the absorbent material.



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Models	CX100	CXR100	CXR500
Static Holding Time days (1)	22	16	11
Working Time days (2)	17	11	7
Evaporation Rate (1) liters/days	0.19	0.23	0.64
Liquid Nitrogen Adsorbed - liters	4.1	3.7	7
Weight Empty	- lbs. 11.7 - kg. 5.3	11.7 5.3	30 13.6
Weight Full (3)	- lbs. 19 - kg. 8.6	18.3 8.3	42.5 19.3
Neck Diameter	- in. 2.78 - mm. 71	3.58 91	8.5 216
Overall Height	- in. 18.4 - mm. 467	19.4 493	26.9 693
Overall Diameter	- in. 9.2 - mm. 234	9.2 234	15.5 391
Number of Canisters	1	1	N/A
Canister Dimensions	- in. 2.64 x 11.0 - mm. 67 x 2.79	2.64 x 11.0 67 x 2.79	N/A N/A
Number of 1.2 ml & 2.0 ml vials (5/cane) (4)	85	85	500
Number of 1.2 ml & 2.0 ml vials (6/cane) (4)	102	102	500
Number of 1/2 straws (10/cane)	280	280	N/A
Number of 1/2 cc straws - Bulk (2 levels)	800	800	N/A
Accessories			
(5) Shelf Stainless Steel Rack (100 cell plastic box)	N/A	N/A	RS30-9C44
(3) Slot Stainless Steel Blood Bag Rack	N/A	N/A	CP70-9C44
Replaceable Absorbent (5)	N/A	CXR100-9C30	CXR100-9C30
Spare Canister	R005-9C24	CXR100-9C24	N/A
Spare Necktube Core	R005-9C21	CXR100-9C01	CP70-9C18
Poly Carb 100 Cell Box (case of 24)	N/A	N/A	R24K-9C44
Round Black Shipping Case	CXR100-8C00	CXR100-8C00	CXR500-8C00
Square Grey Shipping Case	CX10-8C00	CX10-8C00	N/A

- (1) Evaporation rate and static holding time are nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history, and manufacturing tolerances.
 (2) Working time is an arbitrary, reference-only value to estimate container performance under the actual operating conditions.
 (3) Without canisters or racks
 (4) CXR500 vials are stored in 100 cell boxes
 (5) CXR100 requires one (1) replacement absorbent. CXR500 requires (2) replacement absorbents



1. Lockable Lid
2. Molecular Sieve
3. Canister
4. High-Strength Aluminum Body
5. *Absorption material
6. Superinsulation

*CXR Exclusive Feature:
Removeable Absorption Material

Features

- (1) Advanced Concept Absorbent enables faster charging
- (2) Complies with IATA regulations
- (3) New rugged construction includes – dependable, stronger necktube design, ribbed high strength aluminum body, and durable paint system
- (4) Superior vacuum performance with super insulation provides maximum holding times
- (5) Optional storage accessories include a five shelf rack box system and Blood Bag rack for the CXR500
- (6) Temperature loggers are available for all models
- (7) Lockable lids



Easy-to-use locking points for added security.



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