



## Cryo-Express Series

### CX & CXR Series

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

# CX & CXR Series

## Features

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



(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) Blood Bag Rack is 5.4" wide x 5.8" deep x 9.5" high.

(6) CXR100 requires one (1) Replacement Adsorbent Kit. CXR500 requires two(2) Replacement Adsorbent Kits.

MODEL		CX100	CXR100	CXR500
Static Holding Days <sup>(1)</sup>		22	16	11
Working Time days <sup>(2)</sup>		17	11	7
Evaporation Rate <sup>(1)</sup> liters/days		0.19	0.23	0.64
Liquid Nitrogen Absorbed - liters		4.1	3.7	7
Weight Empty	lbs. kg.	11.7 5.3	11.7 5.3	30 13.6
Weight Full <sup>(3)</sup>	lbs. kg.	19 8.6	18.3 8.3	42.5 19.3
Neck Diameter	in. mm.	2.78 71	3.58 91	8.5 216
Overall Height	in. mm.	18.4 467	19.4 493	26.9 693
Overall Diameter	in. mm.	9.2 234	9.2 234	15.5 391
Number of Canisters		1	1	N/A
Canister Dimensions	in. mm.	2.64x11.0 67x279	2.64x11.0 67x279	N/A N/A
Number of 1.2 ml & 2.0 ml vials (5/cane) <sup>(4)</sup>		85	85	500
Number of 1.2 ml & 2.0 ml vials (6/cane) <sup>(4)</sup>		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				
Shelf Stainless Steel Rack (100 cell plastic box) <sup>(4)</sup>		N/A	N/A	RS30-9C44
Stainless Steel Blood Bag Rack <sup>(5)</sup>		N/A	N/A	CP70-9C44
Replaceable Adsorbent Kit <sup>(6)</sup>		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



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