

CRYOSCienceTM

by **Taylor-Wharton**

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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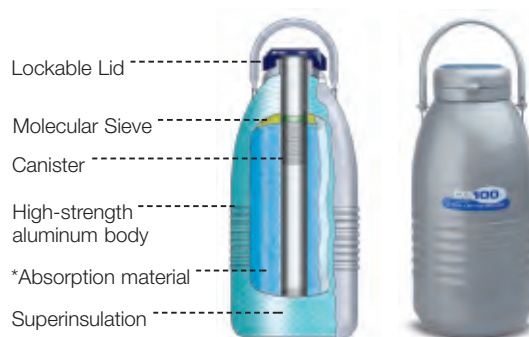


CX & CXR Series

| 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. - kg. | 11.7 5.3 | 11.7 5.3 | 30 13.6 |
| Weight Full (3) | - 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 | 26.9 683 |
| 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 67x2.79 | 2.64x11.0 67x2.79 | 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) | | 980 | 980 | N/A |
| Padded carton | | 3701-9277 | N/A | N/A |
| 5 shelf rack | | N/A | N/A | RS30-9C44 |
| Poly Carb 100 box | | N/A | N/A | R24K-9C44 |
| Shipping Case | | CX10-8C00 | CX10-8C00 | CP19-8C00 |

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



*CXR Exclusive Feature: Removable absorption material

(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) Work 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



Taylor-Wharton

A legacy of excellence. A vision of promise.

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