

Worthington Industries - CX & CXR Series | CX100 | CXR100 | CXR500

Cryo Exchange (CX) dry shippers are designed to safely transport a variety of materials at cryogenic temperatures. Storage temperatures inside the shipping chamber remain at approximately -190 C until the liquid nitrogen evaporates from the adsorbent material.

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Manufacturer [Worthington Industries](#)

Description

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Description

Vapor Shippers Designed for Your Needs

Safely transport a variety of materials at cryogenic temperatures with the Worthington Industries Cryo Exchange (CX Series) vapor shippers.

- Advanced Concept Adsorbent enables faster charging and 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
- Complies with IATA regulations for open cryogenic receptacles

The Worthington Industries Cryo Exchange (CX) Series of vapor shippers is designed to safely transport biological samples and other materials at cryogenic temperatures.

Watch the video below to learn how to safely charge a CX/CXR Dry Shipper from Worthington Industries.

Storage temperatures inside the shipping chamber remain at approximately -190°C until the liquid nitrogen evaporates from the adsorbent material.

- The unique adsorbent material prevents a liquid spill if the unit is tipped over, and the CXR100 and CXR500 offer the convenience of replaceable adsorbent material kits in the event of contamination or sample spills.
- The CXR500 provides either easy-to-use box-type storage or frame and cassette-style storage for the shipment of blood bags.

All models offer lockable lids for sample security during transport and optional lightweight, protective, hard-shell shipping cases complete the product offering. All models are compliant with IATA Dangerous Goods Regulations for Open Cryogenic Receptacles (PI202-Packaging Instruction 202).

Product formerly branded CryoScience by Taylor-Wharton, which was acquired by Worthington Industries.

Specification

MODEL	CX100	CXR100	CXR500
Static Holding 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 Absorbed - 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	6.5 / 216
Overall Height in. / mm.	18.4 / 467	19.4 / 493	26.3 / 668
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) (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
(6) Shelf Stainless Steel Blood Bag Rack	N/A	N/A	CP10-9C44
Replaceable Absorbent (6)	N/A	CXR100-9C30	CXR100-9C30
Spare Canister	R005-9C24	CXR100-9C24	N/A
Spare Necktube Core	R009-9C21	CXR100-9C01	CP10-9C18
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-S000	CX10-S000	N/A

Reviews

There are yet no reviews for this product.