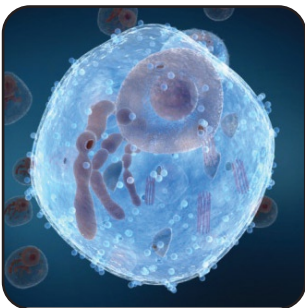


MARATHON PRODUCTS

# Cryogenic Storage Containers

## *CX & CRX Series*

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 -190C until the liquid nitrogen evaporates from the absorbent material. The CX Series comply with international regulations applicable to the transport of hazardous goods by road (ADR), rail (RID) and by air (IATA-OACI).



**MARATHON**  
**PRODUCTS, INC.**

*Don't ship without us!®*

CX & CXR SERIES	CX100	CXR100	CX500	CXR500
Static Holding Time <sup>1</sup> days	24	16	14	14
Working Time <sup>2</sup> days	17	11	7	7
Evaporation Rate <sup>1</sup> liters/day	0.18	0.20	0.60	0.60
Liquid Nitrogen Capacity liters	4.4	3.3	6.4	7.7
Number of Canisters	1	1	N/A	N/A
No. of 1.2 ml & 2.0 vials (5/cane) <sup>4</sup>	85	85	500	500
No. of 1.2 ml & 2.0 vials (6/cane) <sup>4</sup>	102	102	500	500
No. of 1/2 cc straws (10/cane)	280	280	N/A	N/A
No. of 1/2 cc straws (Bulk 2 levels)	980	980	N/A	N/A
<b>WEIGHT - lb/kg</b>				
Empty	11.7/5.3	11.7/5.3	30/13.6	30/13.6
Full <sup>3</sup>	19.5/8.9	18.3/8.3	41.4/8.9	43.7/19.8
<b>DIMENSIONS - inch/mm</b>				
Neck Diameter	2.8/71.0	3.6/91.0	8.5/216.0	8.5/216.0
Overall height	18.4/467.0	19.4/493.0	26.9/683.0	26.9/683.0
Overall Diameter	9.2/234.0	9.2/234.0	15.5/391.0	15.5/391.0
<b>CAPACITY - inch/mm</b>				
Canister Dimensions	2.64x11/67x2.79	2.64x11/67x2.79	N/A	N/A
<b>ACCESSORIES</b>				
Padded Carton P/N	3701-9277	N/A	3701-9277	N/A
5 Shelf Rack P/N	N/A	N/A	RS30-9C44	RS30-9C44
Poly Carb 100 Box	N/A	R24K-9C44	N/A	R24K-9C44
Shipping case	CX10-8C00	CX10-8C00	CP19-8C00	CP19-8C00

Notes:

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. CX500 and CXR500 vials are stored in 100 cell boxes.



Please call  
**1-510-562-6450 x607**  
 for more information or to  
 schedule a shipment.

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