



# CX & 4D Series

Cryo Exchange Vapor Shippers

# TW CX 100

## CRYO EXCHANGE VAPOR SHIPPER



For the safe transport of biological samples in vapor phase.



### FEATURES

- 3.8 Liter absorbed LN2 capacity
- Advanced Concept Adsorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction and superior vacuum performance with super insulation for maximum holding times
- Lockable lid

SPECIFICATIONS	CX100
LN <sub>2</sub> Capacity (L)	4.1
Static Hold Time (Days)	18
Evap. Rate (Liters/Day)	0.2
DIMENSIONS	
Necktube (in/mm)	2.75 / 69.9
Overall Dia. (in/mm)	8.75 / 222.3
Height (in/mm)	18.5 / 472.4
WEIGHT	
Empty (lb/kg)	11.7 / 5.3
Charged Weight (lb/kg)	19 / 8.6
CAPACITY	
No. of 1.2 ml & 2.0 ml vials (5/cane)	85
No. of 1.2 ml & 2.0 ml vials (6/cane)	102
Number of .25 cc Straws (28/cane)	784
No. of .25 cc Straws, Bulk (2 levels) in Goblets	1640
Number of 1/2 straws (10/cane)	280
No. of .5 cc Straws, Bulk (2 levels) in Goblets	800
Number of Canisters	1



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# TW CXR 100

## CRYO EXCHANGE VAPOR SHIPPER



For the safe transport of biological samples in vapor phase.



### FEATURES

- 3.7 Liter absorbed LN2 capacity
- Advanced Concept Adsorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction and superior vacuum performance with super insulation for maximum holding times
- Lockable lid

SPECIFICATIONS	CXR100
LN <sub>2</sub> Capacity (L)	3.7
Static Hold Time (Days)	16
Evap. Rate (Liters/Day)	0.23
DIMENSIONS	
Necktube (in/mm)	3.58 / 90.9
Overall Dia. (in/mm)	9.2 / 233.7
Height (in/mm)	19.4 / 492.7
WEIGHT	
Empty (lb/kg)	11.7 / 5.3
Charged Weight (lb/kg)	18.2 / 8.3
CAPACITY	
No. of 1.2 ml & 2.0 ml vials (5/cane)	85
No. of 1.2 ml & 2.0 ml vials (6/cane)	102
Number of .25 cc Straws (28/cane)	784
No. of .25 cc Straws, Bulk (2 levels) in Goblets	1640
Number of 1/2 straws (10/cane)	280
No. of .5 cc Straws, Bulk (2 levels) in Goblets	800
Number of Canisters	1



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# TW CXR500

## CRYO EXCHANGE VAPOR SHIPPER



For the safe transport of biological samples in vapor phase.



### FEATURES

- 6.4 Liter absorbed LN2 capacity
- Advanced Concept Adsorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction and superior vacuum performance with super insulation for maximum holding times
- Lockable lid

SPECIFICATIONS	CXR500
LN <sub>2</sub> Capacity (L)	6.4
Static Hold Time (Days)	11
Evap. Rate (Liters/Day)	0.64
DIMENSIONS	
Necktube (in/mm)	8.5 / 216
Overall Dia. (in/mm)	15.5 / 393.7
Height (in/mm)	26.9 / 683.3
WEIGHT	
Empty (lb/kg)	30 / 13.6
Charged Weight (lb/kg)	41.5 / 18.8
CAPACITY	
No. of 1.2 ml & 2.0 ml vials (5/cane)	500
No. of 1.2 ml & 2.0 ml vials (6/cane)	500
Number of .25 cc Straws (28/cane)	1736
No. of .25 cc Straws, Bulk (2 levels) in Goblets	7160
Number of 1/2 straws (10/cane)	1240
No. of .5 cc Straws, Bulk (2 levels) in Goblets	3200
Number of Canisters	N/A



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# TW 4D

## DRY SHIPPER

For the safe transport of biological samples in vapor phase.



### FEATURES

- 4.1 Liter absorbed LN2 capacity
- Advanced Concept Hydrophobic Absorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction and superior vacuum performance with super insulation for maximum holding times
- Lockable lid

SPECIFICATIONS	TW 4D
LN <sub>2</sub> Capacity (L)	4.1
Static Hold Time (Days)	27
Evap. Rate (Liters/Day)	0.17
DIMENSIONS	
Necktube (in/mm)	2.0 / 50.8
Overall Dia. (in/mm)	8.75/222.2
Height (in/mm)	18.5 / 470
WEIGHT	
Empty (lb/kg)	11.7 / 5.31
Charged Weight (lb/kg)	19 / 8.62
CAPACITY	
No. of 1.2 ml & 2.0 ml vials (5/cane)	40
No. of 1.2 ml & 2.0 ml vials (6/cane)	48
Number of .25 cc Straws (28/cane)	448
No. of .25 cc Straws, Bulk (2 levels) in Goblets	952
Number of 1/2 straws (10/cane)	160
No. of .5 cc Straws, Bulk (2 levels) in Goblets	460
Number of Canisters	1

Note: 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.



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# TW 4DX

## DRY SHIPPER



For the safe transport of biological samples in vapor phase.



### FEATURES

- 4.1 Liter absorbed LN2 capacity
- Advanced Concept Hydrophobic Absorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction and superior vacuum performance with super insulation for maximum holding times
- Lockable lid

SPECIFICATIONS	TW 4DX
LN <sub>2</sub> Capacity (L)	4.1
Static Hold Time (Days)	24
Evap. Rate (Liters/Day)	0.19
DIMENSIONS	
Necktube (in/mm)	2.78 / 70.6
Overall Dia. (in/mm)	8.75/222.2
Height (in/mm)	18.5 / 470
WEIGHT	
Empty (lb/kg)	11.7 / 5.3
Charged Weight (lb/kg)	19 / 8.62
CAPACITY	
No. of 1.2 ml & 2.0 ml vials (5/cane)	85
No. of 1.2 ml & 2.0 ml vials (6/cane)	102
Number of .25 cc Straws (28/cane)	784
No. of .25 cc Straws, Bulk (2 levels) in Goblets	1640
Number of 1/2 straws (10/cane)	280
No. of .5 cc Straws, Bulk (2 levels) in Goblets	800
Number of Canisters	1

Note: 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.



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## NEW UPRIGHT SHIPPER CASE

The new IC Biomedical Shipping Case is made of high-impact-resistant material to protect its contents from physical damage. The Case's domed top prevents stacking and its circular wide base encourages upright orientation during handling and transit.

With shipping times getting longer and package handling getting rougher, IC Biomedical has designed this Case to provide a safer, more secure enclosure for nitrogen vapor shippers.



A built in slot allows the case to be locked down for added sample security.

Designed for IC Biomedical shippers 4D, 4DX, CX100 and CXR100, the case is also compatible with most other similar sized shippers available on the market.

Height: 24-inches

Base Diameter: 15-inches

Empty Weight: 14