



# 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
LN2 Capacity (L)	3.8
Static Hold Time (Days)	18
Evap. Rate (Liters/Day)	0.2
DIMENSIONS	
Necktube (in)	2.75
Overall Dia. (in)	8.75
Height (in)	18.5
WEIGHT	
Empty (Lbs/Kg)	11.7
Charged Weight (Lbs)	19
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)	3.58
Overall Dia. (in)	9.2
Height (in)	19.4
WEIGHT	
Empty (Lbs)	11.7
Charged Weight (Lbs)	18.2
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
LN2 Capacity (L)	6.4
Static Hold Time (Days)	11
Evap. Rate (Liters/Day)	0.64
DIMENSIONS	
Necktube (in)	8.5
Overall Dia. (in)	15.5
Height (in)	26.9
WEIGHT	
Empty (Lbs)	30
Charged Weight (Lbs)	41.5
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)	0.15
DIMENSIONS	
Necktube (in)	2.00
Overall Dia. (in)	8.75
Height (in)	18.5
WEIGHT	
Empty (Lbs/Kg)	11.7/5.31
Charged Weight (Lbs)	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)	0.17
DIMENSIONS	
Necktube (in)	2.78
Overall Dia. (in)	8.75
Height (in)	18.5
WEIGHT	
Empty (Lbs/Kg)	11.7/5.31
Charged Weight (Lbs/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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