

# CRYOSCIENCE

by Taylor-Wharton™

## XT Series



### **XT Series**

The Extended Time Series (XT) Series of cryogenic refrigerators are designed for long-term storage of a variety of materials at cryogenic temperatures. This series also offers low profile models (XTL), with 5" canisters.



**Taylor-Wharton**

# XT Series

Models	XTL3	XTL8	XT10	XT20	XT34	
Static Holding Time days (1)	27	80	100	230	340	
Working Time days (2)	17	50	62	140	212	
Evaporation Rate (1) liters/days	0.11	0.10	0.10	0.09	0.10	
Liquid Nitrogen Capacity - liters	3	8	10	20.7	34	
Weight Empty	- lbs. - kg.	7.2 3.3	19.6 8.9	16.5 7.5	26 11.8	34.75 15.8
Weight Full (3)	- lbs. - kg.	12.5 5.7	33.8 15.4	34.3 15.6	62.8 28.6	95.3 43.3
Neck Diameter	- in. - mm.	2.0 51	2.0 51	2.0 51	2.0 51	2.0 51
Overall Height	- in. - mm.	17.2 437	19 483	23.8 597	25.8 655	26.3 668
Overall Diameter	- in. - mm.	7.6 193	15.6 396	11.4 290	15.6 396	18.8 478
Number of Canisters		6	6	6	6	6
Canister Dimensions (4)	- in. - mm.	1.5x5 38x127	1.5x5 38x127	1.5x11 38x279	1.5x11 38x279	1.5x11 38x279
Number of 1.2 ml & 2.0 ml vials (5/cane)		NA	NA	150	150	150
Number of 1.2 ml & 2.0 ml vials (6/cane)		NA	NA	180	180	180
Number of 1/2 cc straws (10/cane)		NA	NA	540	540	540
Number of 1/2 cc straws - Bulk ( 1 level)		750	750	N/A	N/A	N/A
Number of 1/2 cc straws - Bulk ( 2 levels)		NA	NA	1500	1500	1500
Roller Base		N/A	R018-8C00	N/A	R018-8C00	R033-8C00
Low-Level Alarm		N/A	N/A	N/A	R033-8C15	R033-8C15

(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.

(4) Canisters also available in 5.0 in. (127 mm) height for 10XT, 20XT and 34XT.

## Features

- (1) New Rugged Construction – ribbed high strength aluminum body, magniformed necktube design, and more durable paint
- (2) Versatile storage system – convenient canister numbered index location ring and tapered internal spider
- (3) Superior vacuum performance with super insulation provides maximum holding times
- (4) Security – Accessory low-level alarm is available with remote monitor capability
- (5) Lockable lids
- (6) Mobility – Roller bases are available for some models



**Taylor-Wharton**

*A legacy of excellence. A vision of promise.*

[www.taylorwharton.com](http://www.taylorwharton.com)  
[salesandservice@taylorwharton.com](mailto:salesandservice@taylorwharton.com)

*The Americas*

**Taylor-Wharton Cryogenics LLC**

4075 Hamilton Boulevard  
 Theodore, AL 36582  
 Phone: +251-443-8680  
 Phone: +800-898-2657

*Australia*

**Taylor-Wharton Australia Pty. Ltd.**

Unit 1/882 Leslie Drive  
 Albury, NSW 2640  
 Australia  
 Phone: +61 (0)2 6040-2533

*Europe*

**Taylor-Wharton Germany GmbH.**

Postfach 1470  
 D-25804 Husum  
 Phone: +49 (0)4841-9850

**Taylor-Wharton Slovakia s.r.o.**

Vstupný areál U.S. Steel  
 O44 54 Košice  
 Slovakia  
 Phone: +421 (0)55-727-7157

*Asia*

**Taylor-Wharton (Beijing)  
 Cryogenic Equipment Co. Ltd.**

East End of Ping An Street  
 Xianghe Economic Development Zone  
 Xianghe City, Lang Fang Prefecture  
 Hebei Province, PRC. 065402  
 Phone: +86 (0)316-3219770

**Taylor-Wharton Malaysia Sdn. Bhd.**

Lot Nos. PT5073, 5076 & 5077  
 Jalan Jangur 28/43  
 Hicom Industrial Estate  
 40400 Shah Alam  
 Selangor Darul Ehsan  
 Malaysia  
 Phone: +60 (0)3-51913003

© 2010 Taylor-Wharton International. All rights reserved.