

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.



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.	7.2	19.6	16.5	26	34.75
	- kg.	3.3	8.9	7.5	11.8	15.8
Weight Full (3)	- lbs.	12.5	33.8	34.3	62.8	95.3
	- kg.	5.7	15.4	15.6	28.6	43.3
Neck Diameter	- in.	2.0	2.0	2.0	2.0	2.0
	- mm.	51	51	51	51	51
Overall Height	- in.	17.2	19	23.8	25.8	26.3
	- mm.	437	483	597	655	668
Overall Diameter	- in.	7.6	15.6	11.4	15.6	18.8
	- mm.	193	396	290	396	478
Number of Canisters		6	6	6	6	6
Canister Dimensions (4)	- in.	1.5x5	1.5x5	1.5x11	1.5x11	1.5x11
	- mm.	38x127	38x127	38x279	38x279	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
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)316-8219770

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