

LS Series



LS Series

The Taylor-Wharton Laboratory Systems (LS) are uniquely designed for large vial capacity in convenient box-type storage racks. They provide maximum holding times. This means lower per vial operating costs and fewer refills. The new LS6000 with the AutoTend Controller with temperature read out provides automatic filling and alarm features.



LS Series

Models	LS750	LS3000	LS4800	LS6000	LS6000AT	
Static Holding Time days (1)	130	106	153	194	194	
Working Time days (2)	80	66	96	120	120	
Evaporation Rate (1) liters/days	0.27	0.76	0.85	0.84	0.84	
Liquid Nitrogen Capacity - liters	35	81	130	165	165	
Weight Empty	- lbs. - kg.	39 17.7	70 31.8	90 40.9	121 55.0	121 55.0
Weight Full (3)	- lbs. - kg.	101.3 46.0	214.2 97.4	312.4 146.1	410.0 186.4	410.0 186.4
Neck Diameter	- in. - mm.	4.7 119	8.5 216	8.5 216	8.5 216	8.5 216
Overall Height	- in. - mm.	26.8 681	28.8 731	35.1 892	39.0 991	39.0 991
Overall Diameter	- in. - mm.	18.8 478	26.9 683	26.9 683	26.9 683	26.9 683
Number of Racks	6	6	6	6	6	
Number of Shelves/Rack	5	5	8	10	10	
2 ml vial capacity (4)	750	3000	4800	6000	6000	
Box Size - Shape Size in. Size mm. Vials per box (5)	Square 3.0 x 3.0 76x76 25	Square 5.0 x 5.0 127x127 100	Square 5.0 x 5.0 127x127 100	Square 5.0 x 5.0 127x127 100	Square 5.0 x 5.0 127x127 100	
Roller Base	R033-8C00	R05K-8C00	R05K-8C00	R05K-8C00	R05K-8C00	
Cryo-Sentry Level Alarm	R036-8C30	RS30-8C40	R05K-8C26	RS60-8C40	N/A	
Auto Tend Controller Kit	N/A	N/A	N/A	RS60-8C86	N/A	

Features

- (1) LS 6000 available with AutoTend Controller with temperature readout
- (2) LS 6000-AT, vapor phase, -190°C top of rack
- (3) New Rugged Construction – ribbed high strength aluminum body, magniformed necktube design, and more durable paint system
- (4) Convenient Storage Systems – rack index location ring and internal location spider, computer compatible box storage is ideal for simple inventory management
- (5) Superior vacuum performance with super insulation provides maximum holding times
- (6) Security – Accessory low-level alarm is available with remote monitor capability
- (7) Lockable lids
- (8) Mobility - Roller bases are available



(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) 2.0 ml vial size: 12.5 mm O.D. internal thread

(5) 81 cell boxes available



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

© 2012 Taylor-Wharton International. All rights reserved.