



LS Series



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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 operating costs per vial and fewer refills. The new LS6000 with the Auto Tend Controller provides automatic filling and alarm features.

Features

- LS 6000 available with AutoFill Controller
- New Rugged Construction – ribbed high strength aluminum body, magniformed necktube design, and more durable paint
- Convenient Storage Systems – rack index location ring and internal location spider, computer compatible box

storage is ideal for simple inventory management

- Superior vacuum performance with super insulation provides maximum holding times.
- Security - Accessory low-level alarm is available for more valuable samples
- Mobility - Roller bases are available



Convenient box storage in a low evaporation LN₂ refrigerator.

Models	LS750	LS3000	LS4800	LS6000
Static Holding Time days (1)	130	106	200	194
Working Time days (2)	80	66	125	120
Evaporation Rate (1) liters/days	0.27	0.76	0.65	0.84
Liquid Nitrogen Capacity - liters	35	81	130	165
Weight Empty	- lbs. 39 - kg. 17.7	70 31.8	90 40.9	121 55.0
Weight Full (3)	- lbs. 101.3 - kg. 46.0	214.2 97.4	312.4 146.1	410.0 186.4
Neck Diameter	- in. 4.7 - mm. 119	8.5 216	8.5 216	8.5 216
Overall Height	- in. 26.8 - mm. 681	28.8 731	35.1 892	39.0 991
Overall Diameter	- in. 18.8 - mm. 478	26.9 683	26.9 683	26.9 683
2 ml vial capacity (4)	750(5)	3000(5)	4800(6)	6000(7)
Box Size - Shape	Square	Square	Square	Square
Size in.	3.0 x 3.0	5.0 x 5.0	5.0 x 5.0	5.0 x 5.0
Size mm.	76x76	127x127	127x127	127x127
Vials per box	25	100	100	100
Roller Base	R033-8C00	R05K-8C00	R05K-8C00	R05K-8C00
Cryo-Sentry Level Alarm	R036-8C30	RS30-8C40	R05K-8C26	RS60-8C40
Auto Tend Controller Kit	N/A	N/A	N/A	RS60-8C86

(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) 6-5-2
 (6) 6-8-2
 (7) 6-10-2