

# CRYOSCIENCE

by Taylor-Wharton™

## INTRODUCING LABS-94K

### More storage. Same footprint.

Our extended capacity LABS-94K provides 20% more storage than the LABS-80K but takes up the same footprint. It supplies near LN<sub>2</sub> temperatures at the top of the inventory system, and all racks are in vapor. It can also be used in full liquid storage.

#### **State-of-the-art design, featuring:**

- **Pivot design aluminum turntable with easy grip** – For smooth and ergonomic rotation
- **Efficient inventory design** – Maximized for 100 cell boxes (60 racks)
- **Hinged and lockable lid** – Offers greater convenience and security
- **High-density foam lid plug with sealed coating** – No flaking or cracking
- **Flat table top** – Convenient work surface
- **Integrated stainless steel independently folding double step**

#### **Make your LABS-94K even better!**

- Our auto-fill control and alarm system offers an optional battery backup for greater security



**Taylor-Wharton**



# LABS-94K

Models		20K	38K	40K	80K	94K
<b>Dimensions</b>						
<b>External Operating Height</b> <i>(Top of Step to Lid Opening)</i>	- in.	42	44	42	42	40
	- mm.	1067	1118	1067	1067	1016
<b>Step Height (1)</b>	- in.	11	11.5	11	11/17	11/22
	- mm.	279	292	279	279/432	279/559
<b>Height, Floor to Opening</b>	- in.	53	56	53	53	62
	- mm.	1346	1422	1346	1346	1575
<b>Usable Height Internal</b>	- in.	30	30	30	30	35.3
	- mm.	762	762	762	762	897
<b>Outside Diameter</b>	- in.	34	42	45	59.5	59.5
	- mm.	864	1067	1143	1511	1511
<b>Internal Working Diameter</b>	- in.	29.5	37.8	40.5	55	55
	- mm.	750	959	1029	1397	1397
<b>Neck Opening</b>	- in.	13	18	18	24.5	24.5
	- mm.	330	457	457	622	622
<b>Capacity</b>						
<b>Total LN2 Capacity</b>	- L.	407	626	606	1350	1630
	- L.	46	72	76	150	300
<b>Power Supply (2)</b>	- VAC	16.5	16.5	16.5	16.5	16.5
<b>Weight Empty</b>	- lb.	650	930	920	1550	1700
	- kg.	295	422	417	703	771
<b>Maximum Gross Weight (3)</b>	- lb.	1375	2050	2000	3956	4600
	- kg.	624	930	907	1794	2086
<b>Inventory Control System Specifications</b>						
<b>No. 100/81 Cell Racks</b> <b>No. Shelves/Rack</b>		14	26	30	58	60
		13	13	13	13	15
<b>No. 25 Cell Racks</b> <b>No. Shelves/Rack</b>		4	12	8	12	12
		13	13	13	13	15
<b>Vial Capacity, 2 ml (4)</b>		19500	37700	41600	79300	94500
<b>Bag 25ml (7 Level Rack) (5)</b>		1624	2688	3108	5999	6856
<b>Bag 4R9951-50ml (7 Level Rack) (5)</b>		924	1582	1876	3381	3864
<b>Bag 4R9953-250ml (5 Level Rack) (6)</b>		500	900	990	1920	2304
<b>Bag 4R9955-500ml (5 Level Rack) (6)</b>		420	690	830	1610	1932

- (1) Model LABS-94K has an independent two stage stainless step. Also available as an option on the LABS-80K.
- (2) This is the power supply for the standard battery backup version. The Kryos version (No Battery) uses a 24 VAC power supply. For power outlets other than 110 VAC contact Taylor-Wharton Customer Service.
- (3) Includes the empty weight and total LN2 capacity weight.
- (4) 2 ml vial size; 12.5 mm O.D. internal thread.
- (5) Model LABS-94K, 8 Level Rack
- (6) Model LABS-94K, 6 Level Rack



## Taylor-Wharton

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

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