



## LABS Series



Integrated stainless steel  
independently folding double step

The LABS Series is designed to provide near LN2 Temperatures at the top of the Inventory System and all racks are in vapor. The LABS can also be used in full liquid storage. The LABS Series features the intuitive CS200 Control.

## Features

- Near LN2 Temperature at Top Rack
- Easy - Grip aluminum turn - table
- Hinged & Lockable Lid with Sealed Coating
- Integrated single stainless steel folding step
- Turntable Pivot - Easier Movement
- Efficient Inventory Design - Maximized for 100 Cell Racks
- Flat Table Top - Convenient Work Surface
- CS200 Control with battery backup option

Models		20K	38K	40K	80K	94KX
Dimensions						
External Operating Height (Top of Step to Lid Opening)	- in.	42	44	42	42	40
	-mm.	1067	1118	1067	1067	1016
Step Height (1)	- in.	11	11.5	11/16.3	11/17	11/22
	-mm.	275	287.5	275/407.5	275/425	275/550
Height, Floor to Opening	- in.	53	56	53	53	62
	-mm.	1346	1422	1346	1346	1575
Usable Height Internal	- in.	30	30	30	30	35.3
	-mm.	762	762	762	762	897
Outside Diameter	- in.	34	42	45	59.5	59.5
	-mm.	864	1067	1143	1511	1511
Internal Working Diameter	- in.	29.5	38	40.5	55	55
	-mm.	750	965	1029	1397	1397
Neck Opening	- in.	13	18	18	24.5	24.5
	-mm.	330	457	457	622	622
Capacity						
Total LN2 Capacity	- L.	371	623	698	1269	1595
	- L.	36	73	80	137	300
Power Supply (2)	- VAC	16.5	16.5	16.5	16.5	16.5
Weight Empty	- lb.	650	930	920	1550	1700
	-kg.	295	422	417	703	771
Maximum Gross Weight (3)	- lb.	1311	2040	2164	3811	4542
	-kg.	595	925	981	1729	2060
Inventory Control System Specifications						
No. 100/81 Cell Racks		14	26	30	58	60
	No. Shelves/Rack	13	13	13	13	15
No. 25 Cell Racks		4	12	8	12	8
	No. Shelves/Rack	13	13	13	13	15
Vial Capacity, 2 ml (4)		19500	37700	41600	79300	93000
Bag 25ml (7 Level Rack) (5)		1624	2688	3108	5999	6856
Bag 4R9951 - 50ml (5 Level Rack) (5)		924	1582	1876	3381	3864
Bag 4R9953 - 250ml (5 Level Rack) (6)		500	900	990	1920	2304
Bag 4R9955 - 500ml (5 Level Rack) (6)		420	690	830	1610	1932

- (1) Model LABS94KX has an independent two stage stainless step. Optional two stage step (17" high) on LABS80K.  
 (2) This is the power supply for the standard battery backup version.  
 (3) Includes the empty weight and total LN2 capacity weight.  
 (4) 2 ml vial size; 12.5 mm O.D. internal thread.  
 (5) Model LABS94KX, 8 Level Rack  
 (6) Model LABS94KX, 6 Level Rack

