

CRYOSCIENCE

by Taylor-Wharton™

LABS Series



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The low profile 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 Kryos Control.



Taylor-Wharton



LABS Series

Models		20K	38K	40K	80K	94K
Dimensions						
External Operating Height <i>(Top of Step to Lid Opening)</i>	- in. mm.	42 1067	44 1118	42 1067	42 1067	40 1016
Step Height (1)	- in. - mm.	11 279	11.5 292	11 279	11/17 279	11/22 279/559
Height, Floor to Opening	- in. - mm.	53 1346	56 1422	53 1346	53 1346	62 1575
Usable Height Internal	- in. - mm.	30 762	30 762	30 762	30 762	35.3 897
Outside Diameter	- in. - mm.	34 864	42 1067	45 1143	59.5 1511	59.5 1511
Internal Working Diameter	- in. - mm.	29.5 750	37.8 959	40.5 1029	55 1397	55 1397
Neck Opening	- in. - mm.	13 330	18 457	18 457	24.5 622	24.5 622
Capacity						
Total LN₂ Capacity	- L.	407	626	606	1350	1630
LN₂ under Turntable	- L.	46	72	76	150	300
Power Supply (2)	- VAC	16.5	16.5	16.5	16.5	16.5
Weight Empty	- lb. - kg.	650 295	930 422	920 417	1550 703	1700 771
Maximum Gross Weight (3)	- lb. - kg.	1375 624	2050 930	2000 907	3956 1794	4600 2086
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	12
No. Shelves/Rack		13	13	13	13	15
Vial Capacity, 2 ml (4)		19500	37700	41600	79300	94500
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

Features

- (1) Near LN₂ temperature at top rack
- (2) Turntable pivot – easier movement
- (3) Easy-Grip aluminum turn-table
- (4) Efficient inventory design-maximized for 100 cell racks
- (5) Hinged & lockable lid with sealed coating
- (6) Flat table-top – convenient work surface
- (7) Integrated single stainless steel folding step. Optional double step on LABS80K
- (8) Kryos Control with battery backup option



(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. 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 LABS94KX, 8 Level Rack

(6) Model LABS94KX, 6 Level Rack



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