



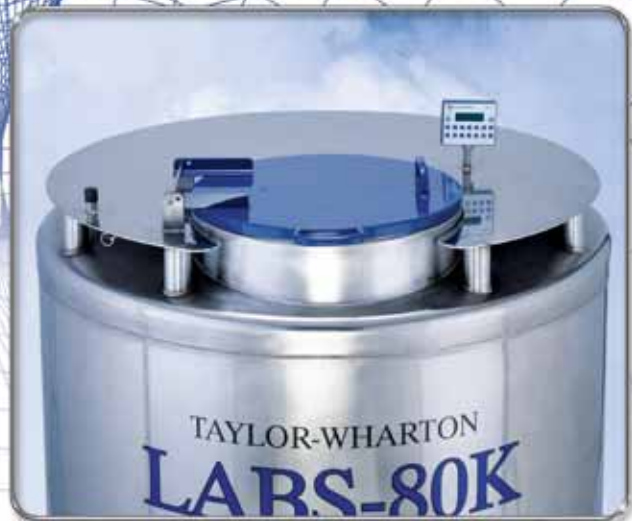
**LABS
Series**

CST
*Cryo-Science
Technologies*



LABS Series

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**
C R Y O G E N I C S

LABS Series

Taylor-Wharton
Cryogenics
Theodore, AL
1.251.443.8680

Taylor-Wharton
Australia Pty. Ltd.
Albury, NSW
61.2.6040.2533

Taylor-Wharton
Asia (M) Sdn Bhd
Selangor Darul Ehsan
60.3.5191.3003



Features

- Near LN₂ temperature at top rack
- Turntable pivot – easier movement
- Easy-Grip aluminum turn-table
- Efficient inventory design-maximized for 100 cell racks
- Hinged & lockable lid with hard polyurethane boot
- Flat table-top – convenient work surface
- Integrated single stainless steel folding step
- Kryos Control with battery backup option



Models		20K	40K	80K
Dimensions				
External Operating Height <i>(Top of Step to Lid Opening)</i>	- in.	42.5	42.5	42.5
	- mm.	1080	1080	1080
Step Height	- in.	11.0	11.0	11.0
	- mm.	279	279	279
Overall Height <i>(Top of Control Interface)</i>	- in.	60.0	60.0	60.0
	- mm.	1524	1524	1524
Usable Height Internal	- in.	30.0	30.0	30.0
	- mm.	762	762	762
Outside Diameter	- in.	34.0	45.0	59.5
	- mm.	863.6	1143	1511
Internal Working Diameter	- in.	29.5	40.5	55.0
	- mm.	750	1029	1397
Neck Opening	- in.	13.0	18.0	24.5
	- mm.	330	457	622
Capacity				
LN2 Capacity	L	407	606	1350
Power Supply (1)	VAC	16.5	16.5	16.5
Weight, Empty	- lb.	650	920	1550
	- kg.	295	417	703
Maximum Gross Weight (2)	- lb.	1375	2000	3956
	- kg.	624	907	1794
Inventory Control System Specifications				
No. 100/81 cell Racks		14	30	58
	No. Shelves/Rack	13	13	13
No. 25 cell Racks		4	8	12
	No. Shelves/Rack	13	13	13
Vial Capacity, 2 ml (3)		19500	41600	79300
Blood Bag (Fenwall 4R9951)		560	1204	2100
Blood Bag (Fenwall 4R9953)		400	820	1505
Blood Bag (Fenwall 4R9955)		290	590	1050



(1) 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.
 (2) Includes the empty weight and total LN₂ capacity weight.
 (3) 2 ml vial size; 12.5 mm O.D. internal thread.