

# K-Series

## FREEZERS

Reliable, efficient vapor\* or liquid LN<sub>2</sub> storage for easy access to stored materials



## FEATURES

- Intuitive touch controls
- Stainless Steel vacuum vessel
- Modular design
- Durable powder coated cabinet (10K/24K)
- Caster mounted
- Superior vacuum performance
- Optional step for 38K
- Blood bag inventory control system and capacity details are available upon request



SPECIFICATIONS	3K	10K	24K	38K
LN <sub>2</sub> Capacity (L)	48	165	365	590
<b>WEIGHT</b>				
Empty (lbs)	42	245	405	565
(kg)	19.1	111	184	256
Full (lbs)	125	537	1046	1616
(kg)	56.7	243	474	733
<b>DIMENSIONS</b>				
Neck Dia. (in)	14.0	21.0	31.0	39.0
(mm)	356	533	787	991
Overall Height (in)	29.7	44.0	44.0	49.0
(mm)	754	111.8	111.8	1245
Overall Dim. (in)	15.4	23.1 x 30.5	34.0 x 38.5	42.0
(mm)	391	587 x 775	864 x 965	1067
Internal Height (in)	19.2	29.0	29.0	29.0
(mm)	488	737	737	737
Internal Dia. (in)	14.0	21.0	31.0	39.0
(mm)	356	533	787	991
<b>CAPACITY</b>				
2 ml Plastic Vials	3024	10400	24050	38350
# of 100/81 Cell Racks	N/A	7	17	28
# of 25 Cell Racks	N/A	4	6	6
# of Shelves	N/A	13	13	13
Box Shape/Size	Triangle	Square		Square
Size (in)	6.75 x 6.87	5 x 5		3 x 3
Size (mm)	171 x 175	127 x 127		76 x 76
Vials Per Box	56	100		25
0.50cc straws, 10/goblet, 2-13mm goblets/cane, two-tier turn-table inventory control	N/A	44000	59400	114000
Roller Base	366742	N/A	N/A	N/A
CS100 Controller	N/A	372540	372541	N/A
CS200 Controller	N/A	367901	367914	368086

Notes:

- (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.

\* When using K Series freezers in vapor phase, Aluminum racks must be used.



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