K-Series

CRYOSTORAGE FREEZERS

ICBiomedical

Reliable, efficient vapor* or liquid LN_2 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
Static Holding Days	19	33	52	73
Working Time (Days)	12	20	32	46
Evap. Rate (Liters/Day)	2.5	5.0	7.0	8.0
LN2 Capacity (L)	48	165	365	590
WEIGHT				
Empty (lbs)	42	245	405	565
(kg)	19.1	111	184	256
Full (lbs)	125	537	1046	1616
(kg)	56.7	243	474	733
DIMENSIONS				
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
CAPACITY				
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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