

VOYAGER SERIES

Cryogenic Freezers



Reliable and Efficient Storage

Froilabo's Voyager Series cryogenic systems offer reliable and efficient liquid nitrogen storage and easy access to stored product. Featuring the safety of electronic controllers that monitor and manage liquid level, temperature, and a full array of alarms, the Voyager Series freezers provide solutions to either liquid or vapour phase storage requirements.



Vapour



Liquid

4

Storage Sizes



Alarms

Technical Specifications

FEATURES

- Suitable for vapour* or liquid storage
- 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

* When using Voyager Series freezers in vapour phase, aluminium racks must be used.



Contact us

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VOYAGER MODELS (CV-V)	3K	10K	24K	38K
Static Holding Time – Days	19	33	52	73
Working Time – Days	12	20	32	46
Evaporation Rate – Litres/days 2.5, 5.0, 7.0, 8.0	2.5	5.0	7.0	8.0
LN ₂ Capacity - Litres	48	165	365	590
Weight – Empty (kg)	19.1	111	184	256
Weight – Full (kg)	56.7	243	474	733
Neck Diameter (mm)	356	533	787	991
Overall Height (mm)	754	111.8	111.8	1245
Overall Dimensions (mm)	391	587x775	864x965	1067
Usable Height - Internal (mm)	488	737	737	737
Internal Diameter (mm)	356	533	787	991
Plastic Vials, 2 ml	3024	10400	24050	38350
Number of 100/81 Cell Racks	N/A	7	17	28
Number of 25 Cell Racks	N/A	4	6	6
Number of Shelves	N/A	13	13	13
Box shape Size (mm) Vials per box	Triangle 171x175 56	Square 127x127 25	Square 76x76 25	
0.50cc straws, 10 per goblet, 2-13mm goblets per cane, two tier turn-table inventory control system	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.