

AI24 Series

AI SMALL FREEZER



RUGGED. RELIABLE. READY.

The AI24 animal insemination small freezer provides greater capacity and security for storage at cryogenic temperatures, with the durability and performance needed under the most rugged conditions.

Innovative features that work harder for you:

- Rugged – Lightweight ribbed aluminum exterior construction and magneformed joints for maximum structural integrity.
- Reliable – Designed and constructed to stringent specifications and the highest quality requirements.
- Ready – When you need it, samples can be easily retrieved and stored for an extended period of time.



MODELS	AI24-11	AI24-5
Static Holding Time Days	218	218
Working Time Days	137	137
Evap. Rate (Liters/Day)	0.11	0.11
Liquid Nitrogen Capacity (liters)	24	24
Weight Empty (lbs./kg.)	26.2 (11.9)	26.2 (11.9)
Weight Full (lbs./kg.)	69.0 (31.3)	69.0 (31.3)
Neck Diameter(in./mm.)	2.38 (60.4)	2.38 (60.4)
Overall Height (in./mm.)	25.8 (655)	25.8 (655)
Overall Diameter (in./mm.)	15.6 (396)	15.6 (396)
Number of Canisters	6	6

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ACCESSORIES	AI24-11	AI24-5
Roller Base	366742	366742
Low-Level Alarm	3844200	3844200

AI24-11 CANISTER SPECS	STANDARD
Canister Dimensions in. (mm.)	1.89x11/(48x279)
Number of 1.2 ml & 2.0 ml vials (5/cane)	288
Number of 1/2 cc straws (10/cane)	960
Number of 1/4 cc straws (28/cane)	2688

AI24-5 CANISTER SPECS	STANDARD
Canister Dimensions in. (mm.)	1.89x11/(48x279)
Number of 1/2 cc straws Bulk (1 level)	1380
Number of 1/4 cc straws Bulk (1 level)	2856

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.

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