

TW AI-91K Series ICBiomedical

BULK SEMEN STORAGE

Designed for the Animal Husbandry Market

STATE-OF-THE ART DESIGN FEATURES

High efficiency – very low LN₂ consumption

- Storage capacity of 93,000 0.5cc straws (10 straws per cane)
- LN₂ storage in either liquid or vapor phase

Single pivot point aluminum turntable design –smooth rotation and ergonomic use

- Eliminates any mechanical component maintenance
- Full height, segmented and labeled turntable provides easy inventory storage access and management
- Convenient access to measure LN₂ level
- Available with Optional Liquid Level Controller



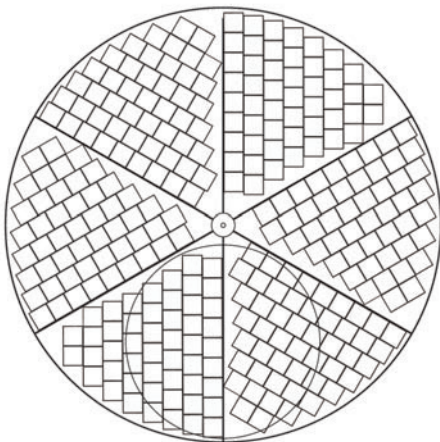
Hinged lockable lid and full-size stainless steel tabletop – easy operation with a convenient working surface

AI-91K	SPECIFICATIONS
Liquid Nitrogen Capacity (L)	916
Number of SUC-1 Canisters	300
Number of 1.2 ml vials on canes	43,200
Number of 2.0 ml vials on canes	24,000
Number of 1/2 cc straws (10/cane, 31 canes/canister)	93,000
Number of 1/4 cc straws (28/cane, 31 canes/canister)	260,400
Bulk Straw Storage, 1/2 cc straws (2 levels, 65mm goblets)	248,800
Bulk Straw Storage, 1/4 cc straws (2 levels, 65mm goblets)	534,920
Neck Opening in. (mm)	24.5 (622)
Usable Internal Height in. (mm)	13.0 (332)
Inner Diameter in. (mm)	56.83 (1443)
Overall Height in. (mm)	44.7 (1135)
Door Width Requirement in. (mm)	60 (1524)
Weight Empty lb. (kg)	1495 (678)
Weight Liquid Full lb. (kg)	3123 (1416)

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STANDARD CONFIGURATION 6-SECTION TURNTABLE



300 SUC-1 CANISTERS

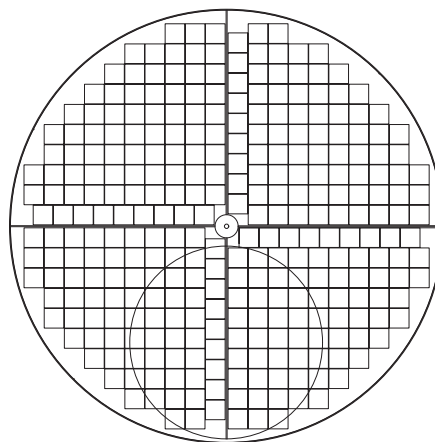
31 canes per canister - 2 each 65mm goblets per canister -
400 each 0.5cc straws per goblet

TOTAL CAPACITY = 248,800 0.5 cc straws

31 canes per canister - 2 each 10mm goblets per cane -
14 each 0.25cc straws per goblet

TOTAL CAPACITY = 260,400 0.25cc straws

OPTIONAL CONFIGURATION 4-SECTION TURNTABLE



304 SUC-1 CANISTERS

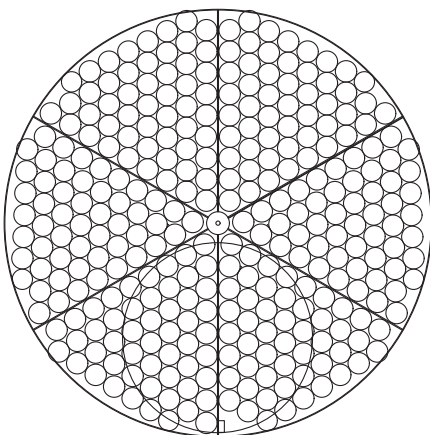
31 canes per canister - 2 each 10mm goblets per cane -
5 each 0.5cc straws per goblet

TOTAL CAPACITY = 94,240 0.5cc straws

31 canes per canister - 2 each 10mm goblets per cane -
14 each 0.25cc straws per goblet

TOTAL CAPACITY = 263,872 0.25cc straws

STANDARD CONFIGURATION 6-SECTION TURNTABLE



311 2.75 O.D. CANISTERS

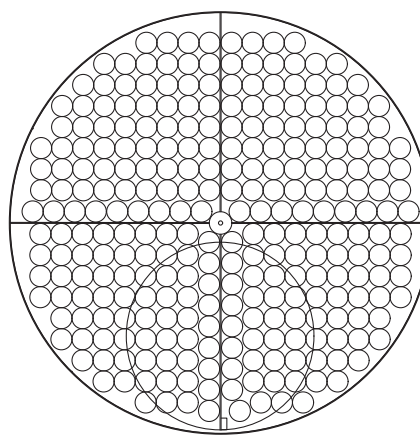
2 each 65mm goblets per canister - 400 each
0.5cc straws per goblet

TOTAL CAPACITY = 248,800 0.5 cc straws

2 each 65mm goblets per canister - 860 each
0.25cc straws per goblet

TOTAL CAPACITY = 534,920 0.25cc straws

OPTIONAL CONFIGURATION 4-SECTION TURNTABLE



276 2.75 O.D. CANISTERS

2 each 65mm goblets per canister - 400 each 0.5cc straws per goblet

TOTAL CAPACITY = 220,800 0.5 cc straws

2 each 65mm goblets per canister - 860 each 0.25cc straws per goblet

TOTAL CAPACITY = 474,720 0.25cc straws

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