

# STATIC STORAGE SERIES



## PRODUCT FEATURES

- 1 High strength, light weight and small size aluminum structure;
- 2 Equipped with belt;
- 3 Ultra low evaporation loss;
- 4 Large straw capacity;
- 5 Vials cane is optional;
- 6 Lockable lid is optional to prevent unauthorized open;
- 7 Level monitoring system is optional;
- 8 Roller base is optional;
- 9 Liquid nitrogen pump is optional;
- 10 CE certified;
- 11 Five years vacuum warranty.



## VIALS CANE

Vials cane also can be matched with static storage series tanks to store 0.5ML~5ML vials.



## VIALS CANE SPECIFICATION

Canister	Height 120mm, Diameter 38mm (50mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	4	3	12
1.5ml	4	3	12
2ml	4	3	12
3ml	4	3	12
5ml	4	1	4

Canister	Height 120mm, Diameter 63mm (80mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	16	3	48
1.5ml	16	3	48
2ml	16	3	48
3ml	16	3	48
5ml	16	1	16

Canister	Height 120mm, Diameter 72mm (127mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	21	3	63
1.5ml	21	3	63
2ml	21	3	63
3ml	21	3	63
5ml	21	1	21

Canister	Height 120mm, Diameter 97mm (125mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	—	—	—
1.5ml	40	3	120
2ml	40	3	120
3ml	40	3	120
5ml	40	1	40

Canister	Height 120mm, Diameter 104mm (127mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	—	—	—
1.5ml	46	3	138
2ml	46	3	138
3ml	46	3	138
5ml	46	1	46

Canister	Height 276mm, Diameter 38mm (50mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	4	6	24
1.5ml	4	6	24
2ml	4	6	24
3ml	4	6	24
5ml	4	3	12

Canister	Height 276mm, Diameter 63mm (80mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	16	6	96
1.5ml	16	6	96
2ml	16	6	96
3ml	16	6	96
5ml	16	3	48

Canister	Height 276mm, Diameter 72mm (127mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	21	6	126
1.5ml	21	6	126
2ml	21	6	126
3ml	21	6	126
5ml	21	3	63

Canister	Height 276mm, Diameter 97mm (125mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	—	—	—
1.5ml	40	6	240
2ml	40	6	240
3ml	40	6	240
5ml	40	3	120

Canister	Height 276mm, Diameter 104mm (127mm neck)		
Vials	Canes/Canister	Vials/Cane	Vials/Canister
0.5ml	—	—	—
1.5ml	46	6	276
2ml	46	6	276
3ml	46	6	276
5ml	46	3	138

## PRODUCT OVERVIEW

Static storage series is an economical small liquid nitrogen tank for laboratory use. It is specially designed for biological samples that need long-term static storage. It has two types of products: large capacity and super-long storage period. This series is made of high strength and light weight aluminium alloy with multi-layer and super-strong insulation layer. It realizes the safety, lightness and efficiency of the product, and has a variety of accessories to choose from.

# SPECIFICATIONS

MODEL	YDS-10-80	YDS-10-125	YDS-13	YDS-15	YDS-20	YDS-25	YDS-30		YDS-30-80	YDS-30-125	YDS-35	YDS-35-80	YDS-35-125	YDS-47-127	YDS-47-127-10T	YDS-50B-125
Performance								Performance								
LN2 Capacity (L)	10	10	13	15	20	25	31.5		31.5	31.5	35.5	35.5	35.5	47	47	50
Weight Empty (kg)	6.2	6.3	6.3	8.5	9.5	10.7	12.9		13	13	14.2	14.5	14.6	18.2	18.2	17.3
Neck Opening (mm)	80	125	50	50	50	50	50		80	125	50	80	125	127	127	125
Outer Diameter (mm)	300	300	310	394	394	394	462		462	462	462	462	462	508	508	462
Overall Height (mm)	557	625	623	591	672	700	705		709	704	749	753	748	718	718	818
Static Evaporation Rate (L/day)	0.21	0.43	0.12	0.11	0.12	0.14	0.12		0.21	0.35	0.12	0.22	0.37	0.36	0.36	0.45
Static Holding Time (day)	48	24	109	134	168	180	254		147	90	286	159	97	130	130	110
Maximum Storage Capacity								Maximum Storage Capacity								
Canister Diameter (mm)	63	97	38	38	38	38	38		63	97	38	63	97	104	72	97
Canister Height (mm)	120	120	276	120	120/276	120/276	120/276		120/276	120	120/276	120/276	120/276	120/276	276	120/276
Number of Canisters (ea)	6	1	6	6	6	6	6		6	6	6	6	6	6	10	6
Straws Capacity (120 mm canister)	0.5ml (ea)	2244	854	—	792	792	792		2244	5124	792	2244	5124	6714	—	5124
	0.25ml (ea)	5022	1940	—	1788	1788	1788		5022	11640	1788	5022	11640	14070	—	11640
Straws Capacity (276 mm canister)	0.5ml (ea)	—	—	1284	—	1284	1284		3624	—	1284	3624	9048	10704	8200	9048
	0.25ml (ea)	—	—	2832	—	2832	2832		8460	—	2832	8460	20760	23604	16400	20760
Optional Accessories								Optional Accessories								
Lockable Lid	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
PU Bag	✓	—	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	—	—	✓
Level Monitor	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Roller Base	—	—	—	—	—	—	✓		✓	✓	✓	✓	✓	✓	✓	✓



Lock Cover



Protective Box Diagram of Liquid Nitrogen Tank



Smart Cap



5-Wheeled Transport Trolley



Round Pail



Freezing Pipe Clamp