

# DRY SHIPPER SERIES



## PRODUCT OVERVIEW

Dry shipper series is suitable for cryogenic environment (vapor storage at temperatures below -190 °C) transportation for samples. It could avoid the risk of the liquid nitrogen releasing during transportation, especially designed for short-term air transport. The internal liquid nitrogen adsorbent, can absorb and save liquid nitrogen, even if the container falls down, liquid nitrogen would not pour out. It uses special stainless steel mesh to separate storage space and absorption material, to avoid liquid nitrogen absorption material mixed into the sample. Mainly used for laboratory users and short-term delivery of small number samples.

## PRODUCT FEATURES

- ① Vapor cryogenic storage;
- ② Fast liquid nitrogen filling;
- ③ High strength aluminum construction;
- ④ Lockable lid;
- ⑤ No liquid nitrogen overflow;
- ⑥ Straws or vials storage is optional;
- ⑦ CE certified;
- ⑧ Three years vacuum warranty.



## SPECIFICATIONS

MODEL	YDS-3H	YDS-6H-80	YDS-10H-125	YDS-25H-216	
Performance					
Effective Capacity (L)	1.3	2.9	3.4	9	
Weight Empty (kg)	3.2	4.9	6.7	15	
Neck Opening (mm)	50	80	125	216	
Outer Diameter (mm)	223	300	300	394	
Overall Height (mm)	435	487	625	716	
Static Evaporation Rate (L/day)	0.16	0.20	0.43	0.89	
Static Holding Time (day)	20	37	23	29	
Effective Shelf Life	8	14	8	10	
Maximum Storage Capacity					
Canister	Canister Diameter (mm)	38	63	97	—
	Canister Height (mm)	120	120	120	—
	Number of Canisters (ea)	1	1	1	—
	Straws Capacity (120 mm canister)	0.5ml (ea)	132	374	854
0.25ml (ea)		298	837	1940	—
Racks and Vials Boxes	Number of Racks (ea)	—	—	1	1
	Vial Boxes Dimension (mm)	—	—	76 × 76	134 × 134
	Boxes per Rack (ea)	—	—	4	5
	1.2; 1.8 & 2 ml Vials (Internally Threaded)	—	—	100	500
25 ml blood bag	Number of Racks (ea)	—	—	1	1
	Stages per Rack (ea)	—	—	1	2
	Boxes per Stage (ea)	—	—	3	15
50 ml blood bag	Blood Bag Capacity (ea)	—	—	3	30
	Number of Racks (ea)	—	—	1	1
	Stages per Rack (ea)	—	—	1	1
50 ml blood bag	Boxes per Stage (ea)	—	—	3	15
	Blood Bag Capacity (ea)	—	—	3	15
	Optional Accessories				
Lockable Lid	✓	✓	✓	✓	
PU Bag	✓	✓	—	—	
SmartCap	✓	✓	✓	✓	