Dryshipper Series for Transportation (Round Canisters)

YDH-25-216

YDH-15-216

YDH-10-125

YDH-6-80

YDH-3

Scope of Application

Dryshipper Series for Transportation (Round Canisters) is designed for safe sample transportation under cryogenic conditions (vapour phase storage, temperature under -190°C). Since the risk of LN$_2$ release is avoided, it is suitable for air transportation of samples.

Innovative Design

◎ Rugged and Durable

◎ 3 Year Vacuum Warranty

◎ Cryo Absorbant

◎ Vapour Phase Storage

◎ Secure

◎ No LN$_2$ Spillage

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Key Features

- Straw and cryovial storage options
- Rugged and durable aluminium construction
- Designed to ensure no LN$_2$ spillage
- Vapour phase cryogenic storage

- Faster LN$_2$ fill times
- Lockable lids
- 3 year vacuum warranty

Product Advantages

Liquid Nitrogen Adsorption

Adsorbent materials are used to absorb and retain LN$_2$ for safe transport. No spillover of LN$_2$ can occur even when the tank is capsized.
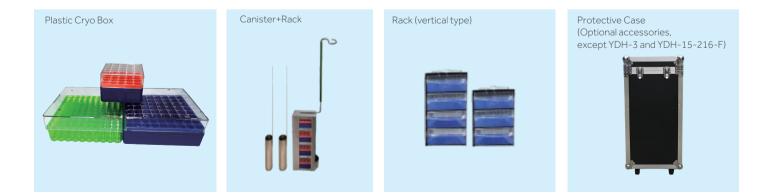
Stainless Steel Mesh

Special stainless steel mesh divides storage space and LN$_2$ absorbents to prevent absorbent materials from contaminating the samples.

Complete Accessories Set

All models are offered a variety of stainless steel canisters and polycarbonate cryogenic boxes. Locking cover is optional.

Accessories

Plastic Cryo Box

Canister+Rack

Rack (vertical type)

Protective Case
(Optional accessories,
except YDH-3 and YDH-15-216-F)

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Technical Parameters

Model	YDH-3	YDH-6-80	YDH-10-125	YDH-10-125	YDH-15-216	YDH-25-216
Picture						
Authentication	CE	CE	CE	CE	CE	CE
Maximum Storage Capacity						
NO. of Canister / Rack	1	1	1	1 Rack	1 Rack	1 Rack
No. of Straws (0.5ml / EA)	132	374	854	-	-	-
No. of Straws (0.25ml / EA)	298	837	1940	-	-	-
No. of 2.0 ml Cryovials	-	-	-	100	300	500
No. of Boxes in (2ml per holder)	-	-	-	4	3	5
Performance						
Absorbable Volume of LN_2 (L)	1.3	2.9	3.4	3.4	6	9
Static Evapouration* (L/Day)	0.16	0.2	0.43	0.43	1.5	0.89
Vapour Phase Static Holding Time** (Day)	8	14	8	8	4	10
Dimensions						
Opening Diameter (mm)	50	80	125	125	216	216
Height (mm)	445	500	625	625	555	730
Outside Diameter (mm)	223	300	300	300	394	394
Canister Outside Diameter (mm)	38	63	97	-	-	-
Outside Height (mm)	120	120	120	-	-	-
Empty Weight (kg)	3.2	6.5	8.9	8.9	13	15
Full Weight (kg)	4.7	8.9	12.5	12.5	17.8	23
Shipping Weight (kg)	5.5	7.7	9.7	9.7	15.2	20.5

* Static evapouration and static holding time are theoretical values. Actual evapouration and holding time are affected by usage, atmospheric conditions and manufacturing tolerances.

** Vapour Phase Static Holding Time: the amount of days it takes for all of the LN to evapourate out after pouring liquid nitrogen into container to makeing absorbent materials fully absorb LN under standard atmospheric condition.

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Product List

Model	Product	Product Model	Factory code	Description and Accessories
YDH-3	Dry Shipper	YDH-3	YDH-3-YS	Includes 1 canister (Height 120mm), lockable cap and PU bag
	Canister	TTH3-50	TTH3-50	Φ38, 120mm single tier canister, No goblet, suitable for YDH-3
	Smart Cap	T-50	T-50-6H180	Used for monitoring real time temperature for containers with 50mm neck opening, 6 grooves and 180mm heigh cork, data can be transmitted to Haier's IoT platform. suitable for YDH-3
	Cork (50)	GS-50-180	GS-50-180	Suitable for YDS-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B
	Lockable Cap	SG-50	SG-50	Suitable for container with 50mm neck opening
YDH-6-80	Dry Shipper	YDH-6-80	YDH-6-80-YS	Includes 1 canister (Height 120mm), lockable cap and PU bag
	Canister	TTH6-80	TTH6-80	Φ63, 120mm single tier canister, No goblet, suitable for YDH-6-80
	Smart Cap	T-80	T-80-6H180	Used for monitoring real time temperature for containers with 80mm neck opening, 6 grooves and 180mm heigh cork, data can be transmitted to Haier's IoT platform. suitable for YDH-6-80
	Cork (80)	GS-80-180	GS-80-180	Suitable for YDH-6-80/YDS-10-80
	Lockable Cap	SG-80	SG-80	Suitable for container with 80mm neck opening
YDH-10-125	Dry Shipper	YDH-10-125	YDH-10-125-FH	Includes 1 rack(4 layers), 5*5 cryoboxes, lockable cap and PU bag
	Dry Shipper	YDH-10-125	YDH-10-125-S	Includes lockable cap and PU bag; No Rack
	Rack	FTT-25-4H	FTT-25-4H	Used for storing 5*5 cryo boxes(2ml), 4 layers in total, with 5*5 cryo boxes included, suitable for YDS-30-125/YDS-10-125
	Canister	TTH10-125	TTH10-125	Φ97,120mm single tier canister, No goblet, suitable for YDH-10-125
	Smart Cap	T-125	T-125-6H180	Used for monitoring real time temperature for containers with 125mm neck opening, 6 grooves and 180mm heigh cork, data can be transmitted to Haier's IoT platform. suitable for YDH-10-125/YDS-10-125
	Cork (125)	GS-125-180	GS-125-180	Suitable for YDS-10-125/YDH-10-125/YDS-50B-125
	Lockable Cap	SG-125	SG-125	Suitable for container with 125mm and 127mm neck opening
YDH-15-216	Protective Case X	HKX-300/660	HKX-300/660	Suitable for YDH-10-125
	Dry Shipper	YDH-15-216	YDH-15-216-FH	Includes 1 rack(3 layers), 9*9 cryoboxes, lockable cap and PU bag
	Rack (Vertical Type)	FDCJ-81-3H	FDCJ-81-3H	Used for storing 9*9 cryo boxes(2ml), 3 layers in total. With 9*9 cryoboxes included. Suitable for YDH-15-216
	Smart Cap	T-216	T-216-6H150	Used for monitoring real time temperature for containers with 216mm neck opening, 6 grooves and 150mm heigh cork, data can be transmitted to Haier's IoT platform. suitable for YDH-15-216
	Cork (216-2)	GS-216-150 (L)	GS-216-150 (L)	Suitable for YDH-15-216
	Lockable Cap	SG-216	SG-216	Suitable for container with 216mm neck opening
YDH-25-216	Dry Shipper	YDH-25-216	YDH-25-216-FH	Includes 1 rack(5 layers), 9*9 cryoboxes, lockable cap and PU bag
	Rack (Vertical Type)	FDCJ-81-5H	FDCJ-81-5H	Used for storing 9*9 cryo boxes(2ml), 5 layers in total, with 9*9 cryoboxes included. suitable for YDH-25-216/YDS-95-216
	Smart Cap	T-216	T-216-6H210	Used for monitoring real time temperature for containers with 216mm neck opening, 6 grooves and 210mm heigh cork, data can be transmitted to Haier's IoT platform. suitable for YDH-25-216/YDS-65-216 /YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216
	Cork (216)	GS-216-220-7	GS-216-220-7	Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/YDH-15-216/YDH-25-216
	Lockable Cap	SG-216	SG-216	Suitable for container with 216mm neck opening

*Haier Biomedical reserves the right to change products and specifications without prior notice.

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