

Haier

Haier Biomedical

LIQUID NITROGEN STORAGE SOLUTIONS

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Intelligent Protection
of Life Science

LIQUID NITROGEN STORAGE SOLUTION



Extra large LCD and cryogenic intelligent management establishing a new global standard

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Biobank Series for Large Scale Storage

Biobank series for large scale storage is designed to ensure the maximum storage capacity with the minimum consumption of liquid nitrogen to lower the overall cost of operation .

- LN₂ Splashproof
- Data Logging
- Hot Gas Bypass
- 5 Year Vacuum Warranty
- From 13,000 to 94,875 Cryovials
- Self-diagnostics
- Vapour Phase Storage
- Lockable Lid
- Liquid Phase Storage
- One-touch Defogging



Key Features

- Massive capacity between 13,000 to 94,875×2ml Vials
- Vapour phase storage is the only guaranteed method to prevent cross-contamination
- Vapour phase storage at -190°C
- 5-Year vacuum warranty
- One-touch defogging for easier access
- LN₂ splash proof ensures a safer operation
- Can be used to store all kinds of biological sample

Product Advantages

Optimal Use of Storage Space

Racks are stored on the rotating tray with an appropriate distance from the wall of the chamber. Liquid nitrogen or supercooled nitrogen vapour is filled in the space between the tray and the wall to maintain temperature uniformity. Storage space is equally divided into four or six fan-shaped storage areas which are clearly labelled. Each storage room is easily rotated to the opening of the tank for convenient sample access.



Designed for Both Liquid and Vapour Phase Storages

Each model of Biobank series for large scale storage is designed for both liquid and vapour phase storage. For vapour phase storage, samples are located away from the liquid nitrogen at a uniform temperature close to that of liquid nitrogen.

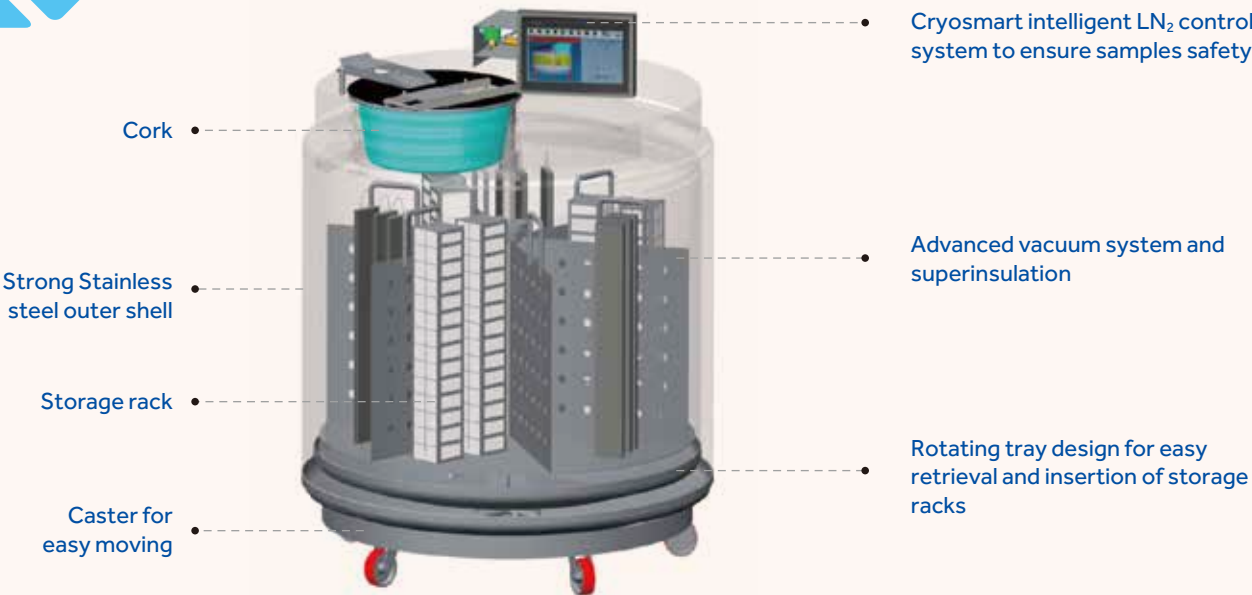
Advanced Vacuum Technology and Superinsulation Technology

Haier Liquid Nitrogen Storage System Biobank series for large scale storage applies advanced vacuum technology and superinsulation technology to ensure storage safety and temperature uniformity while reducing the consumption of liquid nitrogen. The temperature difference of the entire storage area does not exceed 10°C even in vapour phase storage. Temperature near the top of the shelf is as low as -190°C.



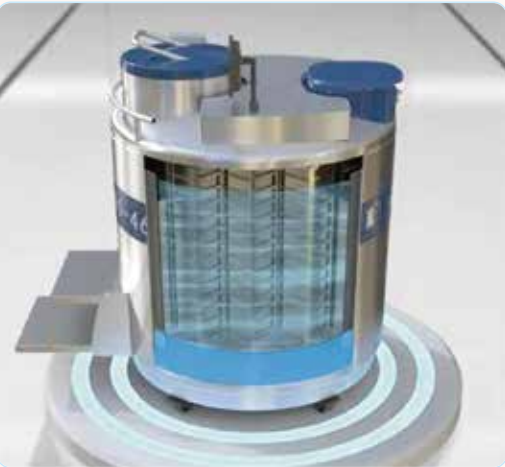
Cryosmart Intelligent Liquid Nitrogen Control System

Haier Liquid Nitrogen Storage System Biobank series for large scale storage feature the Cryosmart system for complete monitoring and controlling. High-precision temperature and liquid level sensors are used to ensure accuracy. All data and samples are protected by a secure access control system.



Liquid and Gas Phase

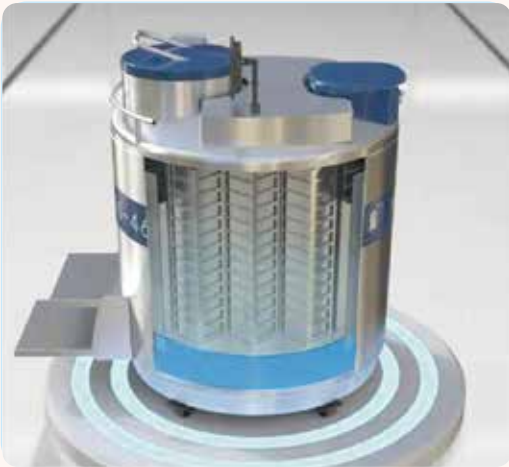
Liquid Phase



Top of the Container



Gas Phase



Liquid Feed System



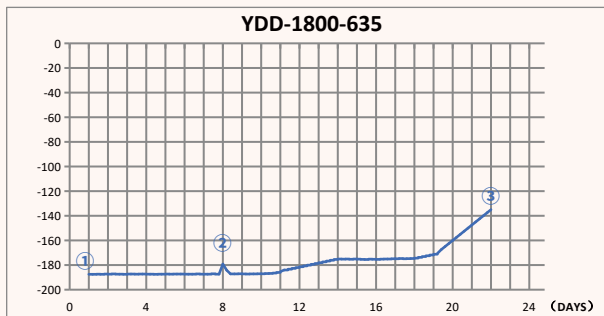
Vapour condensation near the container opening is controlled. Reducing the amount of water vapour solidification on the outer surface of the neck. This unique design of the opening strengthens the structure of the tank under a full load, helping to extend its service life.



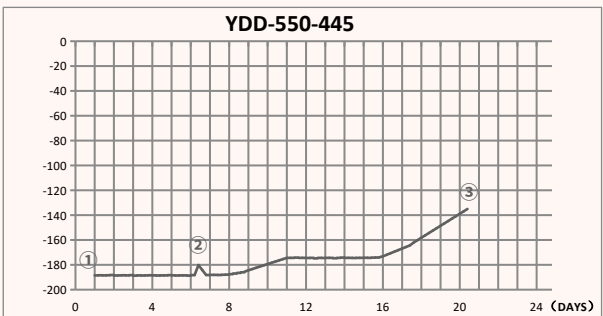
Small self-pressurized liquid nitrogen supply vessels are available and suitable for smaller biobank models.



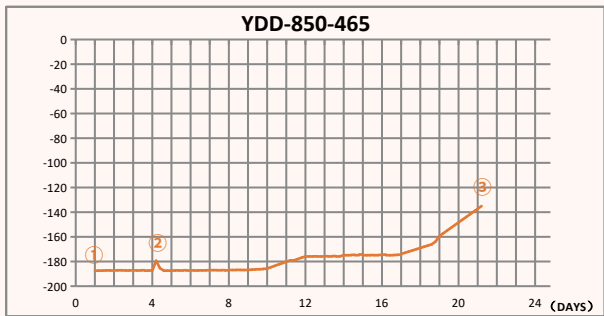
Temperature Test Graph



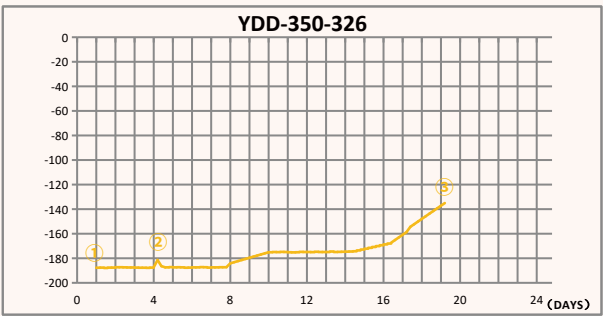
- ① Precooling stage when freezer filled to high level
- ② Lid open test, -179.2°C max
- ③ Temperature maintained below -135°C for 22 days



- ① Precooling stage when freezer filled to high level
- ② Lid open test, -180.2°C max
- ③ Temperature maintained below -135°C for 20 days



- ① Precooling stage when freezer filled to high level
- ② Lid open test, -179.4°C max
- ③ Temperature maintained below -135°C for 21 days



- ① Precooling stage when freezer filled to high level
- ② Lid open test, -181.4°C max
- ③ Temperature maintained below -135°C for 19 days

Temp Test indicates typical performance of Haier Biobank freezer with factory recommended level settings. Actual performance may vary with atmospheric conditions and usage.

Technical Parameters



Model	YDD-350-326	YDD-370-326	YDD-550-445	YDD-750-445	YDD-850-465
2ml Volume	13K	16K	27K	38K	43K
Maximum Storage Capacity					
2 ml Vials (Internal Thread)	13000	15600	27000	37800	42900
Freeze Rack (100 wells)	12	12	24	24	32
Freeze Rack (25 wells)	4	4	12	12	4
Layers of each Rack	10	12	10	14	13
5 ml Vials (Internal Thread)	5360	6232	11220	17952	18844
Freeze Rack (81 wells)	12	12	24	24	32
Freeze Rack (25 wells)	4	4	12	12	4
Layers of each Rack	5	6	5	8	7
Performance					
Volume of LN ₂ (L)	350	370	587	783	890
Volume of LN ₂ under the Tray (L)	55	55	80	80	135
Dimensions					
Inside Neck Diameter (mm)	326	326	445	445	465
Height (mm)	1263	1423	1266	1499	1496
Operating Height (mm)	1263	1096	970	1216	980
Outside Diameter (mm)	875	875	1104	1104	1190
Door Width Requirement (mm)	895	895	1124	1124	1210
Empty Weight (kg)	219	230	328	372	441
Gross Weight (kg)	502	529	802	1005	1160
Shipping Weight (kg)	358	438	520	616	702

Blood bag capacity

Model	YDD-350-326			YDD-370-326			YDD-550-445			YDD-750-445			YDD-850-465		
Bag Specifications	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks
25 ml (791 OS/U)	1296	6	216	1512	7	216	2376	6	396	3168	8	396	3360	7	480
50 ml (4R9951)	792	6	132	924	7	132	1416	6	236	1888	8	236	2072	7	296
500 ml (DF - 200)	168	3	56	——	——	56	336	3	112	560	5	112	544	4	136
250 ml (4R9953)	300	3	100	——	——	100	552	3	184	920	5	184	944	4	236
500 ml (4R9955)	192	3	64	——	——	64	408	3	136	680	5	136	640	4	160
700 ml (DF - 700)	96	3	32	——	——	32	204	3	68	272	4	68	320	4	80

Technical Parameters

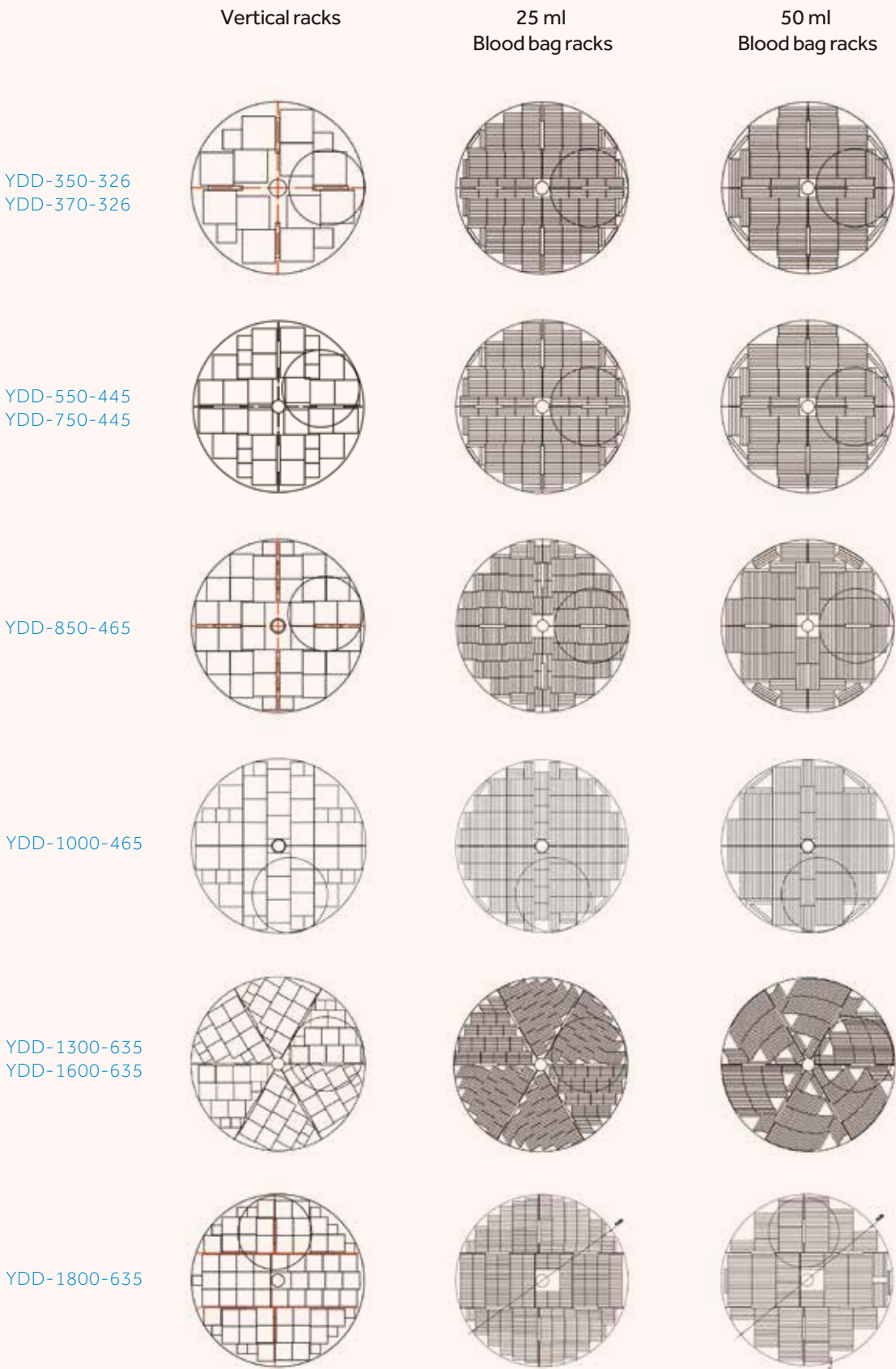


Model	YDD-1000-465	YDD-1300-635	YDD-1600-635	YDD-1800-635
2ml Volume	51K	59K	76K	95K
Maximum Storage Capacity				
2 ml Vials (Internal Thread)	51000	58500	76050	94875
Freeze Rack (100 wells)	30	54	54	60
Freeze Rack (25 wells)	16	18	18	13
Layers of each Rack	15	10	13	15
5 ml Vials (Internal Thread)	22640	28944	33768	46665
Freeze Rack (81 wells)	30	54	54	60
Freeze Rack (25 wells)	16	18	18	13
Layers of each Rack	8	6	7	9
Performance				
Volume of LN ₂ (L)	1014	1340	1660	1880
Volume of LN ₂ under the Tray (L)	135	265	300	320
Dimensions				
Inside Neck Diameter (mm)	465	635	635	635
Height (mm)	1517	1342	1534	1662
Operating Height (mm)	950	997	967	1097
Outside Diameter (mm)	1190	1565	1565	1565
Door Width Requirement (mm)	1210	1585	1585	1585
Empty Weight (kg)	495	851	914	985
Gross Weight (kg)	1314	1934	2255	2504
Shipping Weight (kg)	926	1168	1426	1520

Blood bag capacity

Model	YDD-1000-465			YDD-1300-635			YDD-1600-635			YDD-1800-635		
Bag Specifications	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks	Total No.of Bags	Rack Layers	No.of Racks
25 ml (791 OS/U)	4356	9	484	4716	6	786	5502	7	786	7758	9	862
50 ml (4R9951)	2682	9	298	2916	6	486	3402	7	486	4905	9	545
500 ml (DF - 200)	1180	5	236	666	3	222	888	4	222	1290	5	258
250 ml (4R9953)	670	5	134	1170	3	390	1560	4	390	2095	5	419
500 ml (4R9955)	810	5	162	828	3	276	1104	4	276	1520	5	304
700 ml (DF - 700)	400	5	80	396	3	132	528	4	132	775	5	155

Square Canister & Racks Layout



Product List

Model	Product	Model	Description and Accessories
YDD-350-326	Biobank Freezer (smart type)	YDD-350-326	Includes vacuum insulated hose (GRG-DN10 / 2.0), 4pcs of 10-tier rack (5*5), 12 pcs of 10-tier rack (9*9), 40pcs of cryo boxes for 2ml vial (5*5), 120pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart
	Biobank Freezer	YDD-350-326	Includes vacuum insulated hose (GRG-DN10 / 2.0), storage racks and level monitoring are optional
	Rack (vertical type)	FDCJ-25-10	Used to store 2ml cryoboxes (5*5), ten layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-10	Used to store 2ml cryoboxes (9*9), ten layers in total, suitable for YDD-350 / 550 / 1 300 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (internally threaded, 100 holes)
YDD-370-326	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module
	Biobank Freezer (smart type)	YDD-370-326	Includes vacuum insulated hose (GRG-DN10 / 2.0), 4pcs of 12-tier rack (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryo boxes for 2ml vial (5*5), 144pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart
	Biobank Freezer	YDD-370-326	Includes vacuum insulated hose (GRG-DN10 / 2.0), storage racks and level monitoring are optional
	Rack (vertical type)	FDCJ-25-12	Used to store 2ml cryoboxes (5*5), twelve layers in total, suitable for YDD-370 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-12	Used to store 2ml cryoboxes (9*9), twelve layers in total, suitable for YDD-370 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml/2ml vial (25 holes)
	Plastic Cryo Box	9× 9(2.0)	Used to store 1.8ml/2ml vial (81 holes)
YDD-550-445	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml/2ml vial (internally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module
	Biobank Freezer (smart type)	YDD-550-445	Includes vacuum insulated hose (GRG-DN10 / 2.0), 12pcs of 10-tier rack (5*5), 24 pcs of 10-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 240pcs of cryoboxes for 2ml vial (9*9), 1 set of cryosmart
	Biobank Freezer	YDD-550-445	Includes vacuum insulated hose (GRG-DN10 / 2.0), storage racks and level monitoring are optional
	Rack (vertical type)	FDCJ-25-10	Used to store 2ml cryoboxes (5*5), ten layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-10	Used to store 2ml cryoboxes (9*9), ten layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (internally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module

Product List

Model	Product	Model	Description and Accessories
YDD-750-445	Biobank Freezer (smart type)	YDD-750-445	Includes vacuum insulated hose (GRG-DN10 / 2.0), 12pcs of 14-tier rack (5*5), 24 pcs of 14-tier rack (9*9), 168pcs of cryo boxes for 2ml vial (5*5), 336pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart
	Biobank Freezer	YDD-750-445	Includes vacuum insulated hose (GRG-DN10/2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-14	Used to store 2ml cryoboxes (5*5), fourteen layers in total, suitable for YDD-450 / 750 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-14	Used to store 2ml cryoboxes (9*9), fourteen layers in total, suitable for YDD-450 / 750 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module
YDD-850-465	Biobank Freezer (smart type)	YDD-850-465	Includes vacuum insulated hose (GRG-DN10 / 2.0), 4 pcs of 13-tier rack (5*5), 32 pcs of 13-tier rack (9*9), 52pcs of cryo boxes (5*5) for 2ml vial, 416pcs of cryo boxes (9*9) for 2ml vial, 1 set of cryosmart
	Biobank Freezer	YDD-850-465	Includes vacuum insulated hose (GRG-DN10 / 2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-13	Used to store 2ml cryoboxes (5*5), thirteen layers in total, suitable for YDD-850 / 1600 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-13	Used to store 2ml cryoboxes (9*9), thirteen layers in total, suitable for YDD-850 / 1600(excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded, 100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding he wireless data transmission module
YDD-1000-465	Biobank Freezer (smart type)	YDD-1000-465	Includes vacuum insulated hose (GRG-DN10 / 2.0), 16 pcs of 15-tier rack (5*5), 30 pcs of 15-tier rack (9*9), 240pcs of cryo boxes (5*5) for 2ml vial, 450pcs of cryo boxes (9*9) for 2ml vial, 1 set of cryosmart
	Biobank Freezer	YDD-1000-465	Includes vacuum insulated hose (GRG-DN10 / 2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-15	Used to store 2ml cryoboxes (5*5), fifteen layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-15	Used to store 2ml cryoboxes (9*9), fifteen layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module

Product List

Model	Product	Model	Description and Accessories
YDD-1300-635	Biobank Freezer (smart type)	YDD-1300-635	Includes vacuum insulated hose (GRG-DN10 / 2.0), 120 pcs of round rack, 240 pcs of ϕ 97mm canister (2 goblets included for each), 1 set of cryosmart
	Biobank Freezer	YDD-1300-635	Includes vacuum insulated hose (GRG-DN10 / 2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-10	Used to store 2ml cryoboxes (5*5), ten layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-10	Used to store 2ml cryoboxes (9*9), ten layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded, 100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module
YDD-1600-635	Biobank Freezer (smart type)	YDD-1600-635	Includes vacuum insulated hose (GRG-DN10/2.0), 545pcs of 7-tier blood bag rack for 50ml, 3815pcs of 50ml blood bag cryo box (4R9951), 1 set of cryosmart
	Biobank Freezer	YDD-1600-635	Includes vacuum insulated hose (GRG-DN10/2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-13	Used to store 2ml cryoboxes (5*5), thirteen layers in total, suitable for YDD-850 / 1600 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-13	Used to store 2ml cryoboxes (9*9), thirteen layers in total, suitable for YDD-850 / 1600 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module
YDD-1800-635	Biobank Freezer (smart type)	YDD-1800-635	Includes vacuum insulated hose (GRG-DN10/2.0), 13 pcs of 15-tier rack (5*5), 60 pcs of 15-tier rack (9*9), 195pcs of cryo boxes (5*5) for 2ml vial, 900pcs of cryo boxes (9*9) for 2ml vial, 1 set of cryosmart
	Biobank Freezer	YDD-1800-635	Includes vacuum insulated hose (GRG-DN10/2.0), rack and intelligent level monitoring system are optional
	Rack (vertical type)	FDCJ-25-15	Used to store 2ml cryoboxes (5*5), fifteen layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-15	Used to store 2ml cryoboxes (9*9), fifteen layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Plastic Cryo Box	5×5 (2.0)	Used to store 1.8ml / 2ml vial (25 holes)
	Plastic Cryo Box	9×9 (2.0)	Used to store 1.8ml / 2ml vial (81 holes)
	Plastic Cryo Box	10×10 (2.0)	Used to store 1.8ml / 2ml vial (interally threaded,100 holes)
	Cryosmart Level Monitoring System	Cryosmart Level Monitoring System ZJY-700N	Suitable for all differential pressure measurement gas-phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module

Product List

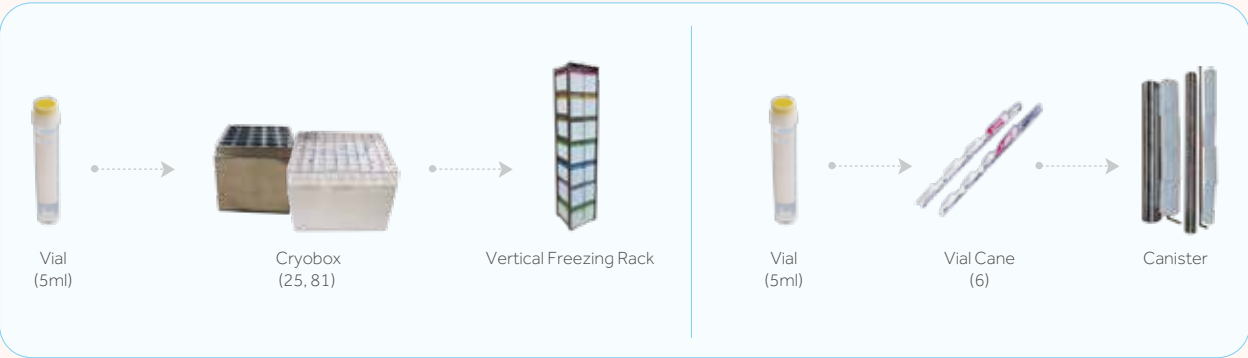
Model	Product	Model	Description and Accessories
Other Racks	Blood Bag Rack	DCJ-250-3	Rack used to store 250ml blood bag, 3 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-350 / 550 / 1300
	Blood Bag Rack	DCJ-250-4	Rack used to store 250ml blood bag, 4 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-850
	Blood Bag Rack	DCJ-250-5	Rack used to store 250ml blood bag, 5 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-450 / 750 / 1000 / 1800
	Blood Bag Rack	DCJ-25-6	Rack used to store 25ml blood bag, 6 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-350 / 550 / 1300
	Blood Bag Rack	DCJ-25-7	Rack used to store 25ml blood bag, 7 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-850 / 1600
	Blood Bag Rack	DCJ-25-8	Rack used to store 25ml blood bag, 8 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-450 / 750
	Blood Bag Rack	DCJ-25-9	Rack used to store 25ml blood bag, 9 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-1000 / 1800
	Blood Bag Rack	DCJ-50-6	Rack used to store 50ml blood bag, 6 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-350 / 550 / 1300
	Blood Bag Rack	DCJ-50-7	Rack used to store 50ml blood bag, 7 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-850 / 1600
	Blood Bag Rack	DCJ-50-8	Rack used to store 50ml blood bag, 8 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-450 / 750
	Blood Bag Rack	DCJ-50-9	Rack used to store 50ml blood bag, 9 layers in total with each layer storing one blood bag; including blood bag cryogenic boxes, suitable for YDD-1000 / 1800
	Rack (vertical type)	FDCJ-25-5 (5.0)	Used to store 5ml cryoboxes (5*5), five layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-25-7 (5.0)	Used to store 5ml cryoboxes (5*5), seven layers in total, suitable for YDD-450 / 750 / 850 / 1600 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-25-8 (5.0)	Used to store 5ml cryoboxes (5*5), eight layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-5 (5.0)	Used to store 5ml cryoboxes (9*9), five layers in total, suitable for YDD-350 / 550 / 1300 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-7 (5.0)	Used to store 5ml cryoboxes (9*9), seven layers in total, suitable for YDD-450 / 750 / 850 / 1600 (excluding cryoboxes)
	Rack (vertical type)	FDCJ-81-8 (5.0)	Used to store 5ml cryoboxes (9*9), eight layers in total, suitable for YDD-1000 / 1800 (excluding cryoboxes)
	Rack (vertical type)	XDCJ-8-12	Used to store 2ml aluminium cryoboxes (8 holes), twelve layers in total, suitable for YDD-450 / 750 / 850 / 1600 (including aluminium cryoboxes)
	Rack (vertical type)	XDCJ-8-9	Used to store 2ml aluminium cryoboxes (8 holes), nine layers in total, suitable for YDD-350 / 550 / 1300 (including aluminium cryoboxes)
	Round Rack	YDCJ-97-2	Includes 2 canisters (TT97-2C), 4 plastic goblets and 1 pick up hook for goblets in total, the storage capacity for 0.5ml straw is 3016, suitable for YDD-1300

Biological Sample Bank-YDD Series

Storage Example of 2ml Internally Threaded Vial



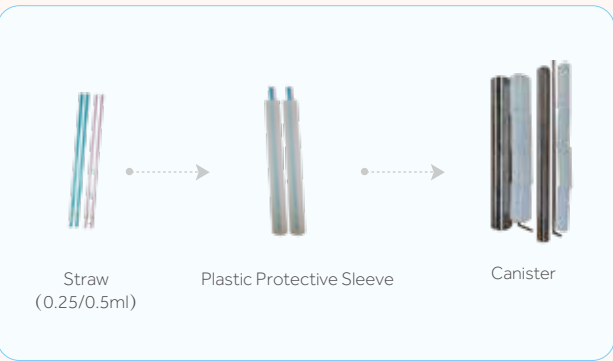
Storage Example of Tall 5ml Cryovials



Blood Bag Storage Example



Straw Storage Example





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.