Haier Biomedical Liquid Nitrogen Storage Solutions



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 .

- LN₂Splashproof
- Data Logging
- Hot Gas Bypass
- 5 Years Vacuum Warranty
- From 13,000 to 94,875 Cryovials

- Self-diagnostics
- Vapour Phase Storage
- Lockable Lid
- Liquid Phase Storage
- One-touch Defogging



Instruments de laboratoire

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

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 Vapor Phase Storages

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



- One-touch defogging for easier access
- LN₂ splash proof ensures a safer operation
- Can be used to store all kinds of biological sample

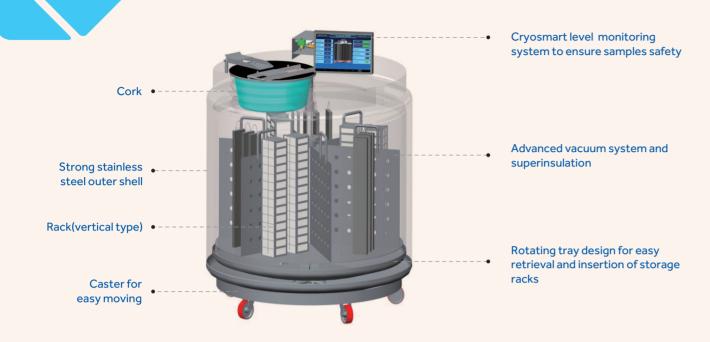


Advanced Vacuum Technology and Superinsulation Technology

Haier Biomedical's 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 during the vapor phase storage process, the temperature near the top of the shelf is as low as -190°C.

Cryosmart Level Monitoring System ITC-800N201(N4.1)

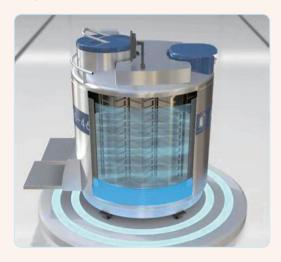
Haier Biomedical's Liquid Nitrogen Storage System Biobank series for large scale storage feature the Cryosmart system for complete monitoring and control. High-precision temperature and liquid level sensors are used to ensure accuracy. All data and samples are protected by a secure access control system.



Liquid and Gas Phase

Liquid Phase

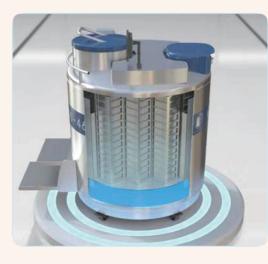
Haier Biomedical



Top of the Container



Gas Phase



Liquid Feed System



The unique design can reduce the amount of water vapor solidification on the outer surface of the neck, the container is reinforced at liquid nitrogen temperature to extend the physical service life of the container.



Temperature Test Graph



1 Precooling stage when freezer filled to high level 2 Lid open test, -179.2°C max ③With no liquid nitrogen supply, the temperature maintained below -135°C for 22 days



1 Precooling stage when freezer filled to high level 2 Lid open test, -179.4°C max ³ With no liquid nitrogen supply, the temperature maintained below -135°C for 21 days

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

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The large-caliber stainless steel liquid nitrogen biological container is matched with a selfpressurizing replenishment tank, which is suitable for scientific research institutions with a small sample storage capacity.





① Precooling stage when freezer filled to high level

2 Lid open test, -180.2°C max

With no liquid nitrogen supply, the temperature maintained below -135°C for 20 days



1 Precooling stage when freezer filled to high level

2 Lid open test, -181.4°C max

³ With no liquid nitrogen supply, the temperature maintained below -135°C for 19 days



Technical Parameters

| Model | YDD-350-326/PM | YDD-370-326/PM | YDD-450-326/PT | YDD-550-445/PM | YDD-750-445/PM |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| 2ml Volume | 13K | 16K | 21K | 27K | 38K |
| Maximum Storage Capa | city | | | | |
| 2 ml Vials (Internal Thread) | 13000 | 15600 | 21000 | 27000 | 37800 |
| Freeze Rack (100 wells) | 12 | 12 | 12 | 24 | 24 |
| Freeze Rack (25 wells) | 4 | 4 | 8 | 12 | 12 |
| Layers of each Rack | 10 | 12 | 15 | 10 | 14 |
| 5 ml Vials (Internal Thread) | 5360 | 6432 | 10548 | 11220 | 17952 |
| Freeze Rack (81 wells) | 12 | 12 | 12 | 24 | 24 |
| Freeze Rack (25 wells) | 4 | 4 | 8 | 12 | 12 |
| Layers of each Rack | 5 | 6 | 9 | 5 | 8 |
| Performance | | 1 | 1 | 1 | |
| Volume of LN ₂ (L) | 350 | 370 | 480 | 587 | 783 |
| Volume of LN_2 under the Tray (L) | 55 | 55 | 55 | 80 | 80 |
| Dimensions | | | | | |
| Inside Neck Diameter (mm) | 326 | 326 | 326 | 445 | 445 |
| Effective Internal Height (mm) | 600 | 704 | 900 | 600 | 828 |
| Height (mm) | 1263 | 1370 | 1570 | 1266 | 1486 |
| Operating Height (mm) | 1263 | 1096 | 1060 | 1266 | 995 |
| Outside Diameter (mm) | 875 | 875 | 875 | 1104 | 1104 |
| Door Width Requirement (mm) | 895 | 895 | 895 | 1124 | 1124 |
| Empty Weight (kg) | 219 | 230 | 286 | 328 | 372 |
| Full Weight (kg) | 502 | 529 | 674 | 802 | 1005 |
| Shipping Weight (kg) | 358 | 438 | 479 | 520 | 616 |

Blood bag capacity

| Model | YDD | -350-326 | 5/PM | YDD | -370-32 | 6/PM | YDD | -450-3 | 26/PT | YDD | -550-445 | 5/PM | YDD | -750-44 | 5/PM |
|--------------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|
| Bag Specifications | Total No.of Bags | Rack Layers | No.of Racks |
| 25ml (791 OS/U) | 1176 | 6 | 196 | 1372 | 7 | 196 | 1602 | 9 | 178 | 2208 | 6 | 368 | 2944 | 8 | 368 |
| 50ml (4R9951) | 720 | 6 | 120 | 840 | 7 | 120 | 990 | 9 | 110 | 1392 | 6 | 232 | 1856 | 8 | 232 |
| 250ml (4R9953) | 264 | 3 | 88 | 352 | 4 | 88 | 450 | 5 | 90 | 516 | 3 | 172 | 860 | 5 | 172 |
| 500ml (DF-200) | 168 | 3 | 56 | 168 | 3 | 56 | 270 | 5 | 54 | 336 | 3 | 112 | 560 | 5 | 112 |
| 500ml (4R9955) | 144 | 3 | 48 | 192 | 4 | 48 | 260 | 5 | 52 | 288 | 3 | 96 | 480 | 5 | 96 |
| 700ml (DF - 700) | 96 | 3 | 32 | 96 | 3 | 32 | 180 | 5 | 36 | 204 | 3 | 68 | 272 | 4 | 68 |



-1000-465/PT

Technical Parameters

| Model | YDD-850-465/PM | YDD-1000-465/PT | YDD-1300-635/PM | YDD-1600-635/PM | YDD-1800-635/PT |
|-------------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| 2ml Volume | 43K | 51K | 59K | 76K | 95K |
| Maximum Storage Capacit | -y | | 1 | | <u> </u> |
| 2 ml Vials (Internal Thread) | 42900 | 51000 | 58500 | 76050 | 94875 |
| Freeze Rack (100 wells) | 32 | 30 | 54 | 54 | 60 |
| Freeze Rack (25 wells) | 4 | 16 | 18 | 18 | 13 |
| Layers of each Rack | 13 | 15 | 10 | 13 | 15 |
| 5 ml Vials (Internal Thread) | 18844 | 22640 | 28944 | 33768 | 46665 |
| Freeze Rack (81 wells) | 32 | 30 | 54 | 54 | 60 |
| Freeze Rack (25 wells) | 4 | 16 | 18 | 18 | 13 |
| _ayers of each Rack | 7 | 8 | 6 | 7 | 9 |
| Performance | | | | | |
| Volume of LN ₂ (L) | 890 | 1014 | 1340 | 1660 | 1880 |
| Volume of LN_2 under the Tray (L) | 135 | 135 | 265 | 300 | 320 |
| Dimensions | | | | | |
| Inside Neck Diameter (mm) | 465 | 465 | 635 | 635 | 635 |
| Effective Internal Height (mm) | 773 | 900 | 620 | 791 | 900 |
| Height (mm) | 1499 | 1619 | 1341 | 1534 | 1661 |
| Operating Height (mm) | 980 | 1090 | 997 | 967 | 1097 |
| Outside Diameter (mm) | 1190 | 1190 | 1565 | 1565 | 1565 |
| Door Width Requirement (mm) | 1210 | 1210 | 1585 | 1585 | 1585 |
| Empty Weight (kg) | 441 | 495 | 851 | 914 | 985 |
| Full Weight (kg) | 1160 | 1314 | 1934 | 2255 | 2504 |
| Shipping Weight (kg) | 702 | 926 | 1168 | 1426 | 1520 |

Blood bag capacity

| | YDD | -850-46 | 5/PM | YDD- | -1000-465 | J/PT | YDD | -1300-63 | 5/PM | YDD-1 | 600-635 | /PM | YDD | -1800-63 | 5/PT |
|--------------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|
| Bag Specifications | Total No.of Bags | Rack Layers | No.of Racks |
| 25ml (791 OS/U) | 2996 | 7 | 428 | 3852 | 9 | 428 | 4536 | 6 | 756 | 5292 | 7 | 756 | 7218 | 9 | 802 |
| 50ml (4R9951) | 1904 | 7 | 272 | 2394 | 9 | 266 | 2808 | 6 | 468 | 3276 | 7 | 468 | 4446 | 9 | 494 |
| 250ml (4R9953) | 832 | 4 | 208 | 1020 | 5 | 204 | 1062 | 3 | 354 | 1770 | 5 | 354 | 1940 | 5 | 388 |
| 500ml (DF-200) | 544 | 4 | 136 | 670 | 5 | 134 | 666 | 3 | 222 | 888 | 4 | 222 | 1290 | 5 | 258 |
| 500ml (4R9955) | 464 | 4 | 116 | 520 | 5 | 104 | 654 | 3 | 218 | 792 | 4 | 198 | 1090 | 5 | 218 |
| 700ml (DF - 700) | 320 | 4 | 80 | 400 | 5 | 80 | 396 | 3 | 132 | 528 | 4 | 132 | 775 | 5 | 155 |

Intelligent Protection of Life Science

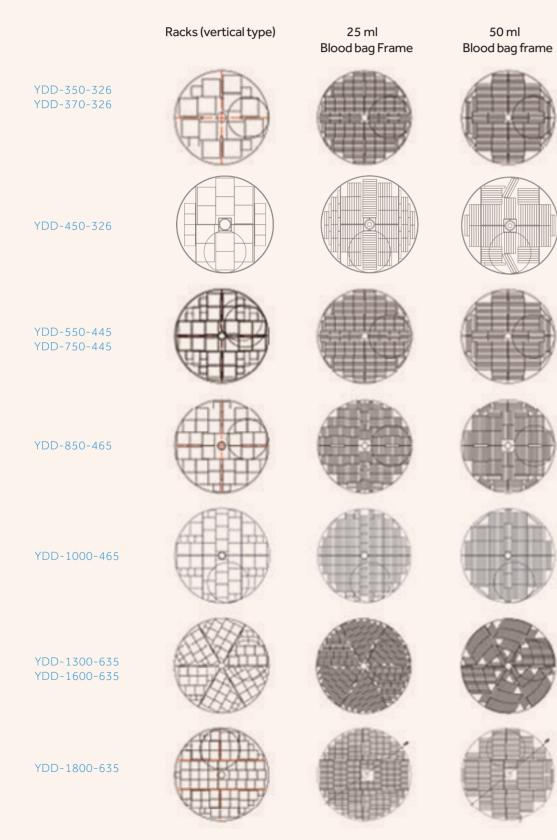






50 ml

Racks (vertical type) and Blood bag Frame



Biological Sample Bank-YDD Series

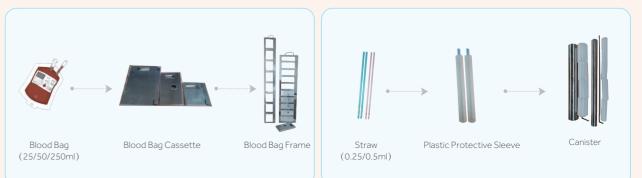
Storage Example of 2ml Internally Threaded Vial



Storage Example of Tall 5ml Cryovials



Blood Bag Storage Example



Straw Storage Example

Product List

| Biobank freezer (smart type) YDD-350-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), 4pcs of 10-tier rack (5*5), 12 pcs of 10-tier rack (9*9), 40pcs of r2mi via (5*5), 12 Opcs of ryo boxes for 2mi via (5*5), 12 Opcs of 10*10 (2,0) PUD-370-326/PM PM (16K) Piastic cryo box 10*10 (2,0) Used for storing 1.8mi/2mi vial (11 holes) PUD-370-326/PM PM (16K) Biobank freezer (smart type) YDD-370-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), Apcs of 12-tier rack (5*5), 12 pcs of 10*10 (2*0), 40pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo boxes for 2mi via (5*5), 14 pcs of ryo | | | | |
|--|-------|--------------------------------|--------------------|--|
| PDD-350-326/P YDD-350-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system YDD-350-326/P Biobank freezer YDD-350-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system are optional Rack (vertical type) FDCJ-25-10 Used for storing 9*9 cryoboxes (2ml), ten layers in total, suitable for YDD-350/550/130 (lexcluding cryoboxes) PM (13K) Rack (vertical type) FDCJ-81-10 Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/130 (lexcluding cryoboxes) PH (13K) Plastic cryo box 5*5 (2.0) Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/130 (lexcluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (2s holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart lavel monitoring system ITC-800N201 (N4.1) Suitable for al capacitive measurement of gas phase liquid introgen containers. including the liquid inlet system and excluding the wireless data transmission module PD-370-326/P YDD-370-326/PM 1:Litter ack (9*9), 8206 S or 2ml vial (5*5), 1:40c S of 2ml vial (5*5 | Model | Product | Model | Description and Accessories |
| YDD-350-326/ PM (13K) Rack (vertical type) FDC.1-25-10 Used for storing 5*5 cryoboxes (2ml), ten layers in total, suitable for YDD-350/550/130 (excluding cryoboxes) PIM (13K) Rack (vertical type) FDC.1-81-10 Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/130 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/130 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid intel system and excluding for cryoboxes for 2ml via (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryoboxes for 2ml via (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryoboxes for 2ml via (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryoboxes for 2ml vial (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryoboxes (2ml, Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) YDD-370-326/PM PM (16K) FDC.J-25-12 Used for storing 9*9 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) PM (16K) Rack (vertical type) FDC.J-25-12 <td></td> <td></td> <td>YDD-350-326/PM</td> <td>10-tier rack (9*9), 40pcs of cryo boxes for 2ml vial (5*5), 120pcs of cryo boxes for 2ml vial</td> | | | YDD-350-326/PM | 10-tier rack (9*9), 40pcs of cryo boxes for 2ml vial (5*5), 120pcs of cryo boxes for 2ml vial |
| YDD-350-326/ PM (13K) Rack (vertical type) FDC.J-25-10 (excluding cryoboxes) YDD-350-326/ PM (13K) Rack (vertical type) FDC.J-81-10 Used for storing 9*g cryoboxes (2mi), Ten layers in total, Suitable for YDD-350/550/13C (excluding cryoboxes) Plastic cryo box 9*g (2,0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*g (2,0) Used for storing 1.8ml/2ml vial (81 holes) Cryosmart level monitoring system (TC-800N201 (N4.1)) Suitable for storing 1.8ml/2ml vial (measurement of gas phase liquid introgen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-370-326/PM Includes vacuum isolated hose (RG-DN10/2.0), Ages of ray boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) Biobank freezer (smart type) YDD-370-326/PM Includes vacuum isolated hose (RG-DN10/2.0), Ages of ray boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) PDD-370-326/ PM (15K) Rack (vertical type) FDC.J-25-12 Used for storing 5*S cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) PM (15K) Rack (vertical type) FDC.J-81-12 Used for storing 1*Bm//2ml vial (25 holes) Plastic cryo box 5*5 (2.0) Used for storing 1 8ml/2ml vial (81 holes) < | | Biobank freezer | YDD-350-326/PM | |
| PM (13K) Rack (vertical type) FDCJ-81-10 (excluding cryoboxes) (control of the high relation of the second of the high relation of the high relating relation of the high relation of the high relating relation of | | Rack (vertical type) | FDCJ-25-10 | Used for storing 5*5 cryoboxes (2ml), ten layers in total, suitable for YDD-350/550/1300 (excluding cryoboxes) |
| YDD-370-326/ PM (16K) FDCJ-81-12 Used for storing 1.8ml/2ml vial (81 holes) YDD-370-326/ PM (16K) TC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers. including the liquid inlet system and excluding the wireless data transmission module YDD-370-326/ PM (16K) TC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers. including the liquid inlet system and excluding the wireless data transmission module YDD-370-326/PM PM (16K) Biobank freezer (smart type) YDD-370-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), Apcs 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 (5*5), 12 pcs of (excluding cryoboxes) YDD-370-326/PM PM (16K) FDCJ-25-12 Used for storing 5*5 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (16 tholes) Plastic cryo box 5*5 (2.0) | | Rack (vertical type) | FDCJ-81-10 | Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/1300 (excluding cryoboxes) |
| YDD-370-326/ PM (16K) FDCJ-81-12 Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) YDD-370-326/ PM (16K) Grave and the system and excluding the wireless data transmission module YDD-370-326/ PM (16K) FDCJ-81-12 Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) YDD-370-326/ PM (16K) FDCJ-81-12 Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) YDD-370-326/PM FDCJ-25-12 Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Rack (vertical type) FDCJ-25-12 Used for storing 5*5 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system FDCJ-81-12 Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module VDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 120pcs of cryo boxes for 2ml vial (5*5) | | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| YDD-370-326/ PM (16K) FDCJ-81-12 Used for storing 1.8ml/2ml vial (St 5), 14pcs of 12-tier rack (5*5), 12 pcs of 12-tier rack (9*9), 48pcs of cryo boxes for 2ml vial (5*5), 14pcs of cryo boxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) PM (16K) Rack (vertical type) FDCJ-25-12 Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Endular cryo box Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Endular cryo box Endu | | Plastic cryo box | 9*9 (2.0) | Used for storing 1.8ml/2ml vial (81 holes) |
| YDD-370-326/ PM (16K) FDC.J-25-12 Used for storing 1.8ml/2ml vial (ST storing 1.5ml vial vial vial (ST storing 1.5ml vial vial vial via | | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) |
| YDD-370-326/PM 12-tier rack (9*9), 48pcs of cryo boxes for 2ml vial (5*5), 144pcs of cryo boxes for 2ml vial (5*5), 144pcs of cryo boxes for 2ml vial (5*5), 144pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) Biobank freezer YDD-370-326/PM Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system) YDD-370-326/PM FDCJ-25-12 Used for storing 5*s cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) PM (16K) Rack (vertical type) FDCJ-25-12 Used for storing 9*9 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (at holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system TC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless of cryo boxes for 2ml vial (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) | | | ITC-800N201 (N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |
| YDD-370-326/ PM (16K) Biobank freezer (smart type) FDCJ-25-12 Used for storing 5*5 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) YDD-370-326/ PM (16K) Rack (vertical type) FDCJ-81-12 Used for storing 9*9 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) | | | YDD-370-326/PM | 12-tier rack (9*9), 48pcs of cryo boxes for 2ml vial (5*5), 144pcs of cryo boxes for 2ml vial |
| YDD-370-326/ PM (16K) Rack (vertical type) FDCJ-25-12 (excluding cryoboxes) Used for storing 9*9 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) PM (16K) Rack (vertical type) FDCJ-81-12 Used for storing 9*9 cryoboxes (2ml), Twelve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), Bpcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 1 20pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml via (9*9), 1 set of cryosmart (level monitoring system) | | Biobank freezer YDD-370-326/PM | | |
| PM (16K) Rack (vertical type) FDCJ-81-12 Used for storing 9*9 cryoboxes (2ml), 1 welve layers in total, suitable for YDD-370 (excluding cryoboxes) Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 1 set of cryosmart (level monitoring system) Detected XDD, 450, 326/PT Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring | | Rack (vertical type) | FDCJ-25-12 | |
| Plastic cryo box 9*9 (2.0) Used for storing 1.8ml/2ml vial (81 holes) Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 1 20pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) | | Rack (vertical type) | FDCJ-81-12 | |
| Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) Cryosmart level monitoring system ITC-800N201 (N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml (9*9), 1 set of cryosmart (level monitoring system) | | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (9*9), 1 set of cryosmart (level monitoring system) | | Plastic cryo box | 9*9 (2.0) | Used for storing 1.8ml/2ml vial (81 holes) |
| monitoring system ITC-8000/201 (N4.1) the liquid inlet system and excluding the wireless data transmission module Biobank freezer (smart type) YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), 8pcs of 15-tier rack (5*5), 12 pcs of 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxe | | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) |
| Biobank freezer (smart type) YDD-450-326/PT 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml vial (5*9), 1 set of cryosmart (level monitoring system) Distribution YDD-450-326/PT Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring | | | ITC-800N201 (N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |
| | | | YDD-450-326/PT | 15-tier rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 180pcs of cryo boxes for 2ml via |
| | | Biobank freezer | YDD-450-326/PT | |
| Rack (vertical type) FDCJ-25-15 Used for storing 5*5 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 (excluding cryoboxes) | | Rack (vertical type) | FDCJ-25-15 | |
| YDD-450-326/ PT (21K) Rack (vertical type) FDCJ-81-15 Used for storing 9*9 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 (excluding cryoboxes) | | Rack (vertical type) | FDCJ-81-15 | |
| Plastic cryo box 5*5 (2.0) Used for storing 1.8ml/2ml vial (25 holes) | | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| Plastic cryo box 9*9 (2.0) Used for storing1.8ml/2ml vial (81 holes) | | Plastic cryo box | 9*9 (2.0) | Used for storing1.8ml/2ml vial (81 holes) |
| Plastic cryo box 10*10 (2.0) Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) | | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) |
| Cryosmart level monitoring system ITC-800N201(N4.1) Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module | | | ITC-800N201(N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |

| Model | Product | Model | |
|--------------------------|-----------------------------------|--------------------|---------------------------------------|
| ridder | Biobank freezer | YDD-550-445/PM | Includes |
| | (smart type) | 100-550-445/PM | 10-tier ra (9*9), 1 s |
| | Biobank freezer | YDD-550-445/PM | Includes system a |
| | Rack (vertical type) | FDCJ-25-10 | Used for (excludin |
| YDD-550-445/ PM (27K) | Rack (vertical type) | FDCJ-81-10 | Used for (excludin |
| | Plastic cryo box | 5*5 (2.0) | Used for |
| | Plastic cryo box | 9*9(2.0) | Used for |
| | Plastic cryo box | 10*10(2.0) | Used for |
| | Cryosmart level monitoring system | ITC-800N201 (N4.1) | Suitable t the liquid |
| | Biobank freezer (smart type) | YDD-750-445/PM | Includes 14-tier ra (9*9), 1 s |
| | Biobank freezer | YDD-750-445/PM | Includes system a |
| | Rack (vertical type) | FDCJ-25-14 | Used for (excludin |
| YDD-750-445/PM (38K) | Rack (vertical type) | FDCJ-81-14 | Used for (excludin |
| | Plastic cryo box | 5*5 (2.0) | Used for |
| | Plastic cryo box | 9*9 (2.0) | Used for |
| | Plastic cryo box | 10*10 (2.0) | Used for |
| | Cryosmart level monitoring system | ITC-800N201 (N4.1) | Suitable t the liquid |
| | Biobank freezer (Smart type) | YDD-850-465/PM | Includes 13-tier ra 2ml vial, 3 |
| | Biobank freezer | YDD-850-465/PM | Includes system a |
| | Rack (vertical type) | FDCJ-25-13 | Used for (excludin |
| YDD-850-465/PM (43K) | Rack (vertical type) | FDCJ-81-13 | Used for (excludin |
| | Plastic cryo box | 5*5 (2.0) | Used for |
| | Plastic cryo box | 9*9 (2.0) | Used for |
| | Plastic cryo box | 10*10 (2.0) | Used for |
| | Cryosmart level monitoring system | ITC-800N201 (N4.1) | Suitable the liquid |

Description and Accessories

s vacuum isolated hose (GRG-DN10/2.0), 12pcs of 10-tier rack (5*5), 24 pcs of rack (9*9), 120pcs of cryo boxes for 2ml vial (5*5), 240pcs of cryo boxes for 2ml vial set of cryosmart (level monitoring system)

s vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring are optional

r storing 5*5 cryoboxes (2ml), ten layers in total, suitable for YDD-350/550/1300 ng cryoboxes)

r storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/1300 ng cryoboxes)

r storing 1.8ml/2ml vial (25 holes)

storing1.8ml/2ml vial (81 holes)

r storing 1.8ml/2ml vial (interally threaded, 100 holes)

e for all capacitive measurement of gas phase liquid nitrogen containers, including id inlet system and excluding the wireless data transmission module

s vacuum isolated hose (GRG-DN10/2.0), 12pcs of 14-tier rack (5*5), 24 pcs of rack (9*9), 168pcs of cryo boxes for 2ml vial (5*5), 336pcs of cryo boxes for 2ml vial set of cryosmart (level monitoring system)

vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring are optional

r storing 5*5 cryoboxes (2ml), Fourteen layers in total, suitable for YDD-450/750 ng cryoboxes)

or storing 9*9 cryoboxes (2ml), Fourteen layers in total, suitable for YDD-450/750 ing cryoboxes)

r storing 1.8ml/2ml vial (25 holes)

storing1.8ml/2ml vial (81 holes)

r storing 1.8ml/2ml vial (interally threaded, 100 holes)

e for all capacitive measurement of gas phase liquid nitrogen containers, including id inlet system and excluding the wireless data transmission module

s vacuum isolated hose (GRG-DN10/2.0), 4 pcs of 13-tier rack (5*5), 32 pcs of rack (9*9), 52pcs of cryo boxes (5*5) for 2ml vial, 416pcs of cryo boxes (9*9) for , 1 set of cryosmart (level monitoring system)

s vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring are optional

storing 5*5 cryoboxes (2ml), Thirteen layers in total, suitable for YDD-850/1600 ng cryoboxes)

r storing 9*9 cryoboxes (2ml), Thirteen layers in total, suitable for YDD-850/1600 ng cryoboxes)

r storing 1.8ml/2ml vial (25 holes)

r storing1.8ml/2ml vial (81 holes)

r storing 1.8ml/2ml vial (interally threaded, 100 holes)

e for all capacitive measurement of gas phase liquid nitrogen containers, including id inlet system and excluding the wireless data transmission module

Haier Biomedical Liquid Nitrogen Storage Solutions

Product List

| Model | Product | Model | Description and Accessories |
|---------------------------|--------------------------------------|--------------------|--|
| | Biobank freezer (Smart type) | YDD-1000-465/PT | Includes vacuum isolated 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 (level monitoring system) |
| | Biobank freezer | YDD-1000-465/PT | Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system are optional |
| | Rack (vertical type) | FDCJ-25-15 | Used for storing 5*5 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 (excluding cryoboxes) |
| YDD-1000-465/PT (51K) | Rack (vertical type) | FDCJ-81-15 | Used for storing 9*9 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 (excluding cryoboxes) |
| | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| | Plastic cryo box | 9*9 (2.0) | Used for storing 1.8ml/2ml vial (81 holes) |
| | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded,100 holes) |
| | Cryosmart level monitoring system | ITC-800N201(N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |
| | Biobank freezer (Smart type) | YDD-1300-635/PM | Includes vacuum isolated 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 (level monitoring system) |
| | Biobank freezer | YDD-1300-635/PM | Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system are optional |
| | Rack (vertical type) | FDCJ-25-10 | Used for storing 5*5 cryoboxes (2ml), ten layers in total, suitable for YDD-350/550/1300 (excluding cryoboxes) |
| YDD-1300-635/ PM (59K) | Rack (vertical type) | FDCJ-81-10 | Used for storing 9*9 cryoboxes (2ml), Ten layers in total, Suitable for YDD-350/550/1300 (excluding cryoboxes) |
| | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| | Plastic cryo box | 9*9 (2.0) | Used for storing 1.8ml/2ml vial (81 holes) |
| | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) |
| | Cryosmart level monitoring system | ITC-800N201 (N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |
| | Biobank freezer (Smart type) | YDD-1600-635/PM | Includes vacuum isolated hose (GRG-DN10/2.0), 468pcs of 7-tier blood bag rack for 50ml, 3276pcs of 50ml blood bag cryo box (4R9951), 1 set of cryosmart (level monitoring system) |
| | Biobank freezer | YDD-1600-635/PM | Includes vacuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system are optional |
| | Rack (vertical type) | FDCJ-25-13 | Used for storing 5*5 cryoboxes (2ml), Thirteen layers in total, suitable for YDD-850/1600 (excluding cryoboxes) |
| YDD-1600-635/ PM (76K) | Rack (vertical type) | FDCJ-81-13 | Used for storing 9*9 cryoboxes (2ml), Thirteen layers in total, suitable for YDD-850/1600 (excluding cryoboxes) |
| | Plastic cryo box | 5*5 (2.0) | Used for storing 1.8ml/2ml vial (25 holes) |
| | Plastic cryo box | 9*9 (2.0) | Used for storing 1.8ml/2ml vial (81 holes) |
| | Plastic cryo box | 10*10 (2.0) | Used for storing 1.8ml/2ml vial (interally threaded, 100 holes) |
| | Cryosmart level monitoring system | ITC-800N201(N4.1) | Suitable for all capacitive measurement of gas phase liquid nitrogen containers, including the liquid inlet system and excluding the wireless data transmission module |

Product List

YDD-1800

| Mastal | Durchast | Madal | |
|---------------------------|--------------------------------------|--------------------|---|
| Model | Product | Model | |
| | Biobank freezer (Smart type) | YDD-1800-635/PT | Includes vacu 15-tier rack (vial, 1 set of c |
| | Biobank freezer | YDD-1800-635/PT | Includes vacu are optional |
| | Rack (vertical type) | FDCJ-25-15 | Used for stor (excluding cry |
| /DD-1800-635/ PT (95K) | Rack (vertical type) | FDCJ-81-15 | Used for stor (excluding cry |
| | Plastic cryo box | 5*5 (2.0) | Used for stor |
| | Plastic cryo box | 9*9 (2.0) | Used for stor |
| | Plastic cryo box | 10*10 (2.0) | Used for stor |
| | Cryosmart level monitoring system | ITC-800N201 (N4.1) | Suitable for a liquid inlet sys |
| | Blood bag frame | DCJ-250-3 | 3 layers frame bag cassettes |
| | Blood bag frame | DCJ-250-4 | 4 layers frame bag cassettes |
| | Blood bag frame | DCJ-250-5 | 5 layers frame bag cassettes |
| | Blood bag frame | DCJ-25-6 | 6 layers frame bag cassettes |
| | Blood bag frame | DCJ-25-7 | 7 layers frame bag cassettes |
| | Blood bag frame | DCJ-25-8 | 8 layers frame bag cassettes |
| | Blood bag frame | DCJ-25-9 | 9 layers frame bag cassettes |
| | Blood bag frame | DCJ-50-6 | 6 layers frame bag cassettes |
| | Blood bag frame | DCJ-50-7 | 7 layers frame bag cassettes |
| | Blood bag frame | DCJ-50-8 | 8 layers frame bag cassettes |
| Other Racks | Blood bag frame | DCJ-50-9 | 9 layers frame bag cassettes |
| | Rack (vertical type) | FDCJ-25-5 (5.0) | Used for stori (excluding cry |
| | Rack (vertical type) | FDCJ-25-7 (5.0) | Used for stori YDD-450/750 |
| | Rack (vertical type) | FDCJ-25-9 (5.0) | Used for stori (excluding cry |
| | Rack (vertical type) | FDCJ-81-5 (5.0) | Used for stori (excluding cry |
| | Rack (vertical type) | FDCJ-81-6 (5.0) | Used for stori (excluding cry |
| | Rack (vertical type) | FDCJ-81-7 (5.0) | Used for stori (excluding cry |
| | Rack (vertical type) | FDCJ-81-9 (5.0) | Used for stori YDD-450/750 |
| | Rack (vertical type) | XDCJ-8-12 | Used for stori cryoboxes inc |
| | Rack (vertical type) | XDCJ-8-9 | Used for stori cryoboxes inc |
| | Round Rack | YDCJ-97-2 | With 2 stainles goblets in tota YDD-350\YDI |

Description and Accessories

cuum isolated hose (GRG-DN10/2.0), 13 pcs of 15-tier rack (5*5), 60 pcs of (9*9), 195pcs of cryo boxes (5*5) for 2ml vial, 900pcs of cryo boxes (9*9) for 2ml cryosmart (level monitoring system)

cuum isolated hose (GRG-DN10/2.0), Rack and intelligent level monitoring system

oring 5*5 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 ryoboxes)

oring 9*9 cryoboxes (2ml), Fifteen layers in total, suitable for YDD-450/1000/1800 cryoboxes)

pring 1.8ml/2ml vial (25 holes)

oring 1.8ml/2ml vial (81 holes)

pring 1.8ml/2ml vial (interally threaded, 100 holes)

all capacitive measurement of gas phase liquid nitrogen containers, including the ystem and excluding the wireless data transmission module

ne used for storing 250ml blood bag, each layer storing one blood bag, with blood es included. Suitable for YDD-350/550/1300

ne used for storing 250ml blood bag, each layer storing one blood bag, with blood es included. Suitable for YDD-850

ne used for storing 250ml blood bag, each layer storing one blood bag, with blood es included. Suitable for YDD-450/750/1000/1800

ne used for storing 25ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-350/550/1300

e used for storing 25ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-850/1600

e used for storing 25ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-450/750

ne used for storing 25ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-1000/1800

ne used for storing 50ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-350/550/1300

ne used for storing 50ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-850/1600

ne used for storing 50ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-450/750

ne used for storing 50ml blood bag, each layer storing one blood bag, with blood es included. suitable for YDD-1000/1800

ring 5*5 cryoboxes (5ml), five layers in total, suitable for YDD-350/550/1300 yoboxes)

ring 5*5 cryoboxes (5ml), seven layers in total, suitable for 50/850/1600 (excluding cryoboxes)

pring 5*5 cryoboxes (5ml), nine layers in total, suitable for YDD-1000/1800 ryoboxes)

ring 9*9 cryoboxes (5ml), Five layers in total, suitable for YDD-350/550 voboxes)

ring 9*9 cryo boxes (5ml), 7 layers in total, suitable for YDD-370/1300 voboxes)

ring 9*9 cryoboxes (5ml), Seven layers in total, suitable for YDD-850/1600 yoboxes)

ring 9*9 cryoboxes (5ml), nine layers in total, suitable for 50/1000/1800 (excluding cryoboxes)

ring 8 holes aluminium cryoboxes (2ml), Twelve layers in total, with aluminium cluded. suitable for YDD-450/750/850/1600

ring 8 holes aluminium cryoboxes (2ml), Nine layers in total, with aluminium cluded. suitable for YDD-350/550/1300

less steel canisters ($\phi 97/276$ mm), 4 plastic goblets SNT-97 and 2 pick up lifter for stall, the storage capacity for 0.5ml straw is 3016, suitable for DD-550\YDD-1300

Low Temperature Transport Trolley YDC-3000H **Mobile Cryogenic Transfer Operation Platform**

The unit can be used to preserve plasma and biomaterials during transportation. It is suitable for deep hypothermia operation and transportation of samples in hospitals, various biobanks and laboratories. High quality stainless steel in combination with the thermal insulation layer ensures the effectiveness and durability of the low temperature transport trolley.



Product Advantages

Touch Screen LCD touch operation

USB Data Export





User Friendly Design



Appearance Spray The appearance of s The appearance of spray, not easily affected by stains.



Polymer Materials

The new type of environmentally-friendly polymer material is used inside the cover plate, which is more appealing, more environment-friendly and more advanced than the commonly used pearl foam and polyurethane materials.

Technical Parameters

| Product Model | | | | Maximum Storage | | | | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|-------------------------------|---------------------------------|---------------------------------|----------------------------------|--------------------------------------|--|--|
| | Dimensions (L*W*H)(mm) | Frozen Storage Space (L*W*H)(mm) | Liquid Nitrogen Under Tray (L) | 5*5 Freezing Boxes (ea) | 10*10 Freezing Boxes (ea) | 50ml Blood Bag Boxes (ea) | 200ml Blood Bag Boxes (ea) | 2ml Cryopreservation Tube (ea) | | |
| YDC-3000H | 1295*523*1095 | 900*335*163 | 33 | 65 | 30 | 105 | 50 | 3000 | | |





Caster Design

Integrated design, universal caster at the bottom, easy to move.



The Insulation Cover can be Magnet Absorbed

The insulation cover can be magnet absorbed to the side of vehicle, which is convenient to extract, and the space reserved at the bottom can be used to store other tools.

Cryovial Transfer Flask BioT Air

BioT Air is suitable for small batch and short distance sample transportation in experimental units or hospitals. Lightweight, portable design, easy to easy to take.

•Lightweight design

Lightweight design, the total empty weight is only 2.8KG.

Multi-specification compatibilit

Compatible with 1.2ml, 1.5ml, 1.8ml, 2.0ml and 5.0ml sample cryopreservation tubes, and can also hold a 5*5-2ML cryopreservation box.

•High thermal insulation performance

Vacuum structure ensures the working temperature in the tank-135°C~-196°C, and the ultra-long low-temperature storage period.

•No liquid nitrogen overflow

There is a liquid nitrogen adsorption layer at the bottom, and even if the container is dumped during dry storage, there will be no liquid nitrogen overflow, thus ensuring the safety of samples and personnel.



Humanization Design

Condensate water inflow prevention structure

The specially designed upper cover can prevent condensate from flowing into the container and ensure the container cover to open smoothly.

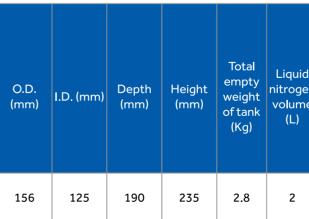
Liquid nitrogen splash prevention structure

Ensure that liquid nitrogen is not sprayed during transportation after the container is filled with liquid nitrogen, and it is safe to use.

Ultra-low temperature adsorption function

It is specially equipped with liquid nitrogen adsorption layer, and under special circumstances, the container pours liquid nitrogen out, which can also ensure the low temperature environment in a certain period of time and ensure the safety of samples.

Product Parameters









| d en ie | 9 | Storage time of gas phase (h) | Internal freezing tube capacity (2ml) (pcs) | (°C) | Working environment (°C) |
|---------------|---|---|---|-----------|--------------------------------|
| | 8 | 6 | 55 | -135~-196 | -20~40 |

Liquid Nitrogen Storage Solution

Cryovial Transfer Flask Bio-2T

Bio-2T is suitable for short-distance sample transportation in small batches in experimental units or hospitals. Lightweight, portable design, easy to take

•Lightweight design

Lightweight design of the product, the total empty weight is only 3kg

Temperature visualization

Visual real-time temperature monitoring, and the instrument part is dustproof and waterproof

Multi-specification compatibility

Compatible with 1.2m, 1.5m, 1.8m, 2.0m and 5.0ml sample storage tubes

•High thermal insulation performance

Vacuum structure, thickened thermal insulation material, ensuring the working temperature in the tank -135°C~-196°C, and ultra-long low-temperature storage period



Humanization Design

Condensate water inflow prevention structure

The specially designed upper cover can prevent condensate from flowing into the container and ensure the container cover to open smoothly.

Liquid nitrogen splash prevention structure

Ensure that liquid nitrogen is not sprayed during transportation after the container is filled with liquid nitrogen, and it is safe to use.

No liquid nitrogen overflow

With liquid nitrogen adsorption layer at the bottom, even if the container falls down during dry storage, there will be no liquid nitrogen overflow, which ensures the safety of samples and personnel.

Product Parameters

| O.D. (mm) | I.D. (mm) | Depth (mm) | Height (mm) | Total empty weight of tank (Kg) | nitrogen | liquid | Storage time of gas phase (h) | tubo | working | Working environment (°C) |
|--------------|--------------|---------------|----------------|---|----------|--------|---|------|-----------|--------------------------------|
| 156 | 125 | 190 | 265 | 3 | 2 | 8 | 6 | 54 | -135~-196 | -20~40 |



Intelligent Liquid Nitrogen Biological Container

It is suitable for the deep and low temperature storage of plasma, cell tissues and various biological samples in hospitals, laboratories, scientific research institutes, disease control centers, various databases and other places.

•Easier access

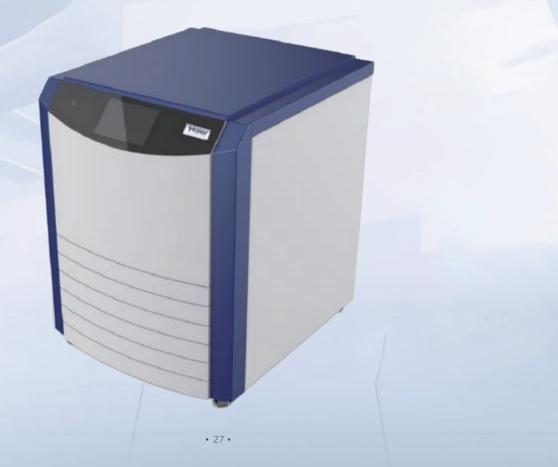
With the full opening design on the top of product and hydraulic uncapping, it saves energy and is easier for storing and taking sample.

Brand new intelligent monitoring system

It's equipped with the brand-new intelligent monitoring system and matched with IoT module which can connect with the Haier's big data cloud platform to realize the remote data transmission. Integrating three screens, it can realize the remote alarm via APP, e-mail and other ways.

•Reduce frosting and freezing

The brand-new cover and interlayer exhaust structure can effectively reduce the frosting and freezing at exhaust port.



Personalized Design

•Safe

24V DC voltage makes electricity safer.

Double lock and double control design, the sample storage is safer. The liquid nitrogen filter can effectively reduce impurities and prolong the service life of the whole machine.

Convenient

With USB interface, it supports data export. Bottom caster, easy to move, with adjustable back brake, easy to fix and stabilize. With larger battery capacity, it can still be used after power failure.

Experience Feeling

Haier's family-style design is more three-dimensional and beautiful.

The advantage of operating screen position effectively reduces the influence of opening low temperature and improves the stability.

The advantage of operatinLCD touch screen, integrated design, not easy to dust.g screen position effectively reduces the influence of opening low temperature and improves the stability.

Product Parameters

| Product Model | Temperature (°C) | Volume (L) | Overall dimensions (L*W*H)(mm) | Weight (KG) | I.D. (mm) |
|---------------|--------------------------------|---------------|-----------------------------------|----------------|-----------|
| CryoBio 34Z | -196~ normal temperature | 550 | 1410*1100*1190 | 400 | φ1000 |

| Storage State | 2ml internal-rotation freezing tube | Number of frozen shelf layers | Number of 5*5 frozen shelves | Number of 5*5 freezer boxes | Number of 10*10 frozen storage racks | Number of 10*10 freezer boxes |
|------------------|---|-------------------------------------|------------------------------------|-----------------------------------|--|--|
| Gas Phase | 33550 | 11 | 10 | 110 | 28 | 308 |
| Liquid Phase | 42900 | 13 | 8 | 104 | 31 | 403 |

Smart Series (Square Racks)

The smart, IoT and cloud management system monitors temperature and liquid levels simultaneously to provide accurate and real-time information on the critical parameters to ensure ultimate sample safety.

- IoT and Cloud Management
- Multiple Level of Protections
- Low Energy Consumption
- Temperature and Level Display

- Updated Design
- High Performance Stability
- New Lock Design



Key Features

- 5 models from 2,400 to 6,000 cryovial capacity
- 5 years vacuum warranty
- Durable aluminium construction
- Real time monitor of temperature and level

Product Advantages

Colour identification for Rack handles

Rack handles are colour-coded for ease of separating storage zones and managing samples.

Double lock and double control design

open at the same time to ensure sample safety.





Multilayer protection for ultimate safety

Temperature and level are monitored in real time to safeguard the storage environment. Alarms can be transmitted through email, IM and wechat.

Low consumption rate and high performance stability

Automated manufacture ensures build quality and reliable vacuum which delivers stable and uniform temperature performance as well as low LN₂ consumption rates.

Accessories



- Cloud data storage for traceability
- Low consumption rate and high performance stability
- New lock design

The new double lock and double control design requires two people to



Dual monitoring respectively for temperature and liquid level

Storage temperature and liquid level are automatically monitored by a high precision controller. Accurate and real-time information ensures samples safety.





Roller Base

Technical Parameters

| Model | YDS-65-216-FZ | YDS-95-216-FZ | YDS-115-216-FZ | YDS-145-216-FZ | YDS-175-216-FZ | | | |
|---------------------------------|---------------|---------------|----------------|----------------|----------------|--|--|--|
| Maximum Storage Volume | | | | | | | | |
| No. of Rack | 6 | 6 | 6 | 6 | 6 | | | |
| 2ml Storage Vials (100/box) | 2400 | 3000 | 3600 | 4800 | 6000 | | | |
| Layers in Rack | 4 | 5 | 6 | 8 | 10 | | | |
| 5ml Storage Vials (81/box) | | 972 | 1458 | 1944 | 2430 | | | |
| Layers in Rack | | 2 | 3 | 4 | 5 | | | |
| Function | Function | | | | | | | |
| Liquid Nitrogen Volume (L) | 65 | 95 | 115 | 145 | 175 | | | |
| Static Evapouration Rate* (L/D) | 0.78 | 0.94 | 0.94 | 0.94 | 0.95 | | | |
| Static Holding Time** (Day) | 83 | 101 | 122 | 154 | 184 | | | |
| Dimensions | | | | | | | | |
| Neck Opening (mm) | 216 | 216 | 216 | 216 | 216 | | | |
| Overall Height (mm) | 760 | 825 | 895 | 995 | 1110 | | | |
| Overall Diameter (mm) | 681 | 681 | 681 | 681 | 681 | | | |
| Empty Weight (kg) | 39.3 | 42.7 | 43.3 | 49.9 | 54.8 | | | |
| Full Weight (kg) | 81.5 | 112.3 | 133.5 | 158.9 | 199.5 | | | |
| Shipping Weight (kg) | 63.8 | 67.9 | 71.2 | 82.1 | 91.3 | | | |

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

** Static Holding Time: the amount of days it takes for all of the LN to evapourate out after container is filled with liquid nitrogen to pre-cool and reach thermal equilibrium and the liquid nitrogen filling rate reaches 100% under standard atmospheric condition.

Product List

| Model | Product | Model | Description and Accessories |
|-------------|--|----------------|---|
| YDS-65-216 | Smart liquid nitrogen container (smart series) | YDS-65-216-FZ | Includes 6 racks (4-tier), cryoboxes (9*9), lockable cap, roller base is optional |
| YDS-95-216 | Smart liquid nitrogen container (smart series) | YDS-95-216-FZ | Includes 6 racks (5-tier), cryoboxes (9*9), lockable cap, roller base is optional |
| YDS-115-216 | Smart liquid nitrogen container (smart series) | YDS-115-216-FZ | Includes 6 racks (6-tier), cryoboxes (9*9), lockable cap, roller base is optional |
| YDS-145-216 | Smart liquid nitrogen container (smart series) | YDS-145-216-FZ | Includes 6 racks (8-tier), cryoboxes (9*9), lockable cap, roller base is optional |
| YDS-175-216 | Smart liquid nitrogen container (smart series) | YDS-175-216-FZ | Includes 6 racks (10-tier), cryoboxes (9*9), lockable cap, roller base is optional |
| YDS-175-216 | Roller Base | YSC-685-5W | Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels |



Haier Biomedical Liquid Nitrogen Storage Solutions

Key Features

- Heavy duty lockable enclosure offers excellent security
- Compatible with all major cryobox brands
- Durable aluminium construction
- Temperature monitoring available

- Liquid or vapour phase option available
- High thermal efficiency
- 5 year vacuum warranty
- Ultra-low evapouration loss

Product Advantages

ULT Storage with Extremely Low LN₂ Evapouration Loss

Freezer racks are in the ultra-low temperature environment with extremely low LN₂ evapouration. Even stored in vapour phase, the temperature will be below -190°C for a long time.

Advanced Vacuum Technology and Superinsulation Technology

Advanced vacuum and insulation technologies ensure cryopreser-vation for up to four months.

Suitable for blood bag applications, the racks can be adapted to provide temporary blood bag storage before transferring bags to larger LN2 storage tanks.

Compatible for Blood Bag Storage







Liquid Nitrogen Temperature Detector

The temperature monitor provides continuous and reliable monitoring of the temperature in the container. It is the ideal choice for long-term monitoring of sample storage temperature and reminding users to add liquid nitrogen.

The temperature monitor ZTC-100A has real-time temperature display function, and can also provide the following alarms:

* Over temperature alarm

* Sensor error acousto-optic alarm



Technical Parameters

| Model | YDS-65-216-F | YDS-95-216-F | YDS-115-216-F | YDS-145-216-F | YDS-175-216-F | | | | |
|--------------------------------------|--|--------------|---------------|---------------|---------------|--|--|--|--|
| Maximum Storage Capaci | ty | | | | | | | | |
| No. of Rack | 6 | 6 | 6 | 6 | 6 | | | | |
| No. 2.0 ml Cryovials (100 / Box) | 2400 | 3000 | 3600 | 4800 | 6000 | | | | |
| No. of Boxes in (2ml each Rack) | 4 | 5 | 6 | 8 | 10 | | | | |
| No. 5.0 ml Cryovials (81/Box) | - | 972 | 1458 | 1944 | 2430 | | | | |
| No. of Boxes in (5ml each Rack) | - | 2 | 3 | 4 | 5 | | | | |
| Performance | · | · | · | | · | | | | |
| Volume of LN ₂ (L) | 65 | 95 | 115 | 145 | 175 | | | | |
| Static Evapouration Rate* (L/Day) | 0.78 | 0.94 | 0.94 | 0.94 | 0.95 | | | | |
| Static Holding Time** (Day) | 83 | 101 | 122 | 154 | 184 | | | | |
| Dimensions | • | · | | | · | | | | |
| Neck Opening Diameter (mm) | 216 | 216 | 216 | 216 | 216 | | | | |
| Height (mm) | 712 | 774 | 846 | 946 | 1060 | | | | |
| Outer Diameter (mm) | 681 | 681 | 681 | 681 | 681 | | | | |
| Empty Weight (kg) | 38.3 | 41.3 | 42.3 | 48.9 | 53.8 | | | | |
| Full Weight (kg) | 80.8 | 112.4 | 132.8 | 157.3 | 198.5 | | | | |
| Shipping Weight (kg) | 61.8 | 65.9 | 72.9 | 80.1 | 89.2 | | | | |
| * Static evapouration and stati | * Static evapouration and static holding time are theoretical values. Actual evapouration and holding time are affected by usage, atmospheric conditions and | | | | | | | | |

manufacturing tolerances.

** Static Holding Time: the amount of days it takes for all of the LN to evapourate out after container is filled with liquid nitrogen to pre-cool and reach thermal equilibrium and the liquid nitrogen filling rate reaches 100% under standard atmospheric condition.

Accessories



| YDS-115-216 Rack FTT-81-3 (5.0) Used for storing 9*9 cryo boxes(5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-145-216/YDS-145-216/YDS-175-216/Y-DH-15-216/YDS-145-216/YDS-175-216/Y-DH-15-216/YDS-145-216/F Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks for Sml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216S Includes lockable cap, no rack, no PU bag Rack FTT-81-8 Used for storing 9*9 cryo boxes (5ml), 5 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack | Model | Product | Model | Description and Accessories |
|---|-------------|---|---------------------|--|
| Participation Participation Participation R02-65-216 Roler Date YSC 655-300 Statute for a 651-178, abumnum tark, equipped with 5 universal unkeets YDS-65-216 Roler Date YSC 655-300 Statute for a 651-178, abumnum tark, equipped with 5 universal unkeets Cork 1210 G5-216-220-7 Statute for a 654-1187, doi:100-115-216/YOS-145-216/YO | | Liquid Nitrogen container | YDS-65-216-F | Includes 6 racks (4 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional |
| YDS-65-216 Retar Base YOS-65 50 Souther for a 163-175, alumnum tark, support with summariation of a construction of a space structure of a container with 216 mm neck opening. 8 grooves and 3 gro | | Liquid Nitrogen container | YDS-65-216S | Includes lockable cap, no rack, no PU bag |
| TDS-00-110 Database of the Comparison and thecomparison and thecompa | | Rack | FTT-81-4 | Used for storing 9*9 cryo boxes (2ml), 4 layers in total, with 9*9 cryo boxes included, suitable for YDS-65-216 |
| VDS-95-216 Pick of the second se | YDS-65-216 | Roller Base | YSC-685-5W | Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels |
| VDN-15-218/VDN-25-216 Lockable cap SG-216 Lockable cap SG-216 Lipid Nerogen container (SGM*Val) VDS-55-2167 Lipid Nerogen container (SGM*Val) VDS-55-2165 Includes Fracks (Sigwes), 9*9 crychoxes, lockable cap, no PU bag rafer base is optional Lipid Nerogen container (SGM*Val) VDS-55-2165 Neckas Fracks (Sigwes), 9*9 crychoxes, lockable cap, no PU bag rafer base is optional NDS-55-2167 Includes fracks (Sigwes), 9*0 crychoxes, lockable cap, no PU bag rafer base is optional NDS-55-2167 Norder Same Cap, 500 Rack FTT-81-5 Sigmes Total, 9*9 crychoxes, lockable cap, no PU bag rafer base is optional Norder Same Cap Urg 12-126-370-61680 Sigmes Total, 9*9 crychoxes, included, suitable for (SGM*Val) Urg 216-522-5216 Lockable cap SG-216-522-52-7 Lockable cap SG-216-522-5216/TDS-115-216/TDS- | | SmartCap | LT-216-340-6H530 | |
| Upue Numogen container (3.6m/Val) YDS 95-216-F(5.0) Include 6 racks for Sm. 2 byers in total. 32pcs of Sm 9* 0ryo boxes and lockable cap included, no PU bag. VDS-95-216 Rack FTT-81-5 Upue for storing 9* 0ryo boxes (2m), 5 byers in total, wh 9* 0ryo boxes included, suitable for 005-95-216/25-2516 Rack FTT-81-2 (3.0) Upue for storing 9* 0ryo boxes (2m), 5 byers in total, wh 9* 0ryo boxes included, suitable for 005-95-216/25-2516/35-2514-216 Rack FTT-81-2 (3.0) Upue for storing 9* 0ryo boxes included Options included suitable for 005-95-216/25-2516/25-2516/25 Rack FTT-81-2 (3.0) Upue for storing 9* 0ryo boxes included Storing 10* 0ryo boxes included Rack FTT-81-2 (3.0) Upue for storing 7* 0ryo boxes included Storing 10* 0ryo boxes included Storing 10 Gene 10.5 Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Conk (210) G5-216 room Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Upue for instance Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Upue for instance Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Storing 10* 0ryo boxes included Upue for instance 05* 1 | | Cork (216) | GS-216-220-7 | |
| PDS-15-216 Control (S. 06) PDS-15-216-F Includes is calculated samples in calculated cap. or calc. no PU bag YDS-95-216 Rack FTT-81-5 Used Ntrogen container YDS-95-216-5 Includes is calculated cap. or calc. no PU bag Rack FTT-81-2 Used Ntrogen container YDS-95-216-5 Includes is calculated cap. or calc. no PU bag Rack FTT-81-2 Used for storing 75 cap. boxes (270). 2 byers in total, with 975 cap. boxes included samples for YDS-95-216(57-216). YDS-95-216(57-216). Rack FTT-81-2 (5.0) Used for atoms for icrop boxes (270). 2 byers in total, with 975 cap. boxes included samples for YDS-95-216(77-100). YDS-95-216(77-100). Simmer Cap LT-216-370-6H50 Used for montrong real time level and temperature for containers with 216mm neck opening. 6 grooves and 360mm hogels: stable for YDS-95-216 (770). Lockable cap SG-216 Samble for YDS-95-216(70). YDS-115-216/7DS-115-2 | | Lockable cap | SG-216 | Suitable for container with 216mm neck opening |
| PUS-95-216 Includes locable cap, nor Act, no PU bag Industriated processing of the procesong of the processing of the procesong of the processing of the | | | YDS-95-216-F (5.0) | |
| PDS-95-216 Rack FTT-81-5 Used for storing 9° cryo backs included. Styres in total, with 9°9 cryo backs included. YDS-95-216 Rack FTT-81-2 (5.0) YDS-95-216/YDS-254-175L aluminum tark, equipped with 5 universal wheels SmartCap LT-216-370-64580 Subable for all 65L-715L aluminum tark, equipped with 5 universal wheels Cork (216) GS-216-220-7 Subable for YDS-95-216/YDH-25-216/YD | | Liquid Nitrogen container | YDS-95-216-F | Includes 6 racks (5 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional |
| YDS-95-216 F11/64/3 YDS-95-216/YDS-258-216 Reck FTT-61-2(5.0) Sutable for smitry, boxes included. YDS-95-216/PDS-216/PDstr.cryohows included. Sutable for all 65L-175L alumnium track equipped with 5 universal wheels SmartCap LT-216-370-6H369 Sutable for all 65L-175L alumnium track equipped with 5 universal wheels Cork (216) GS-216-220-7 Sutable for YDS-65-216/YDS-95-216 Lockable cap SG-216 Sutable for YDS-65-216/YDS-145-216/YDS-145-216/YDS-145-216/YD Lockable cap SG-216 Sutable for YDS-65-216/YDS-95-216 Lockable cap SG-216 Sutable for YDS-65-216/YDS-145-216/YDS-145-216/YDS-145-216/YD Liquid Nitrogen container YDS-115-216-F Includes 6 racks for 3ml. 3 layers in total. 18pcs of 5ml 9*9 cryo boxes included. no PU bag. Liquid Nitrogen container YDS-115-216-F Includes 6 racks (6 layers). 9*9 cryoboxes, lockable cap. no PU bag role base is optional Liquid Nitrogen container YDS-115-215 Includes for storing 9*9 cryoboxes (2ml, 0 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-211 Rock FTT-81-6 Used for storing 9*9 cryo boxes (2ml, 0 layers in total, with 9*0 cryo boxes included, suitable for YDS-115-211 Roler Base YSC-685-5W Suitable fo | | Liquid Nitrogen container | YDS-95-216S | Includes lockable cap, no rack, no PU bag |
| YDS-115-216 Rack FTT-81-2(5.0) YDS-85-216/95-216/91ast: cryp-bases included YDS-105-216 Roller Base YSC-685-5W Subable for all 681-175L aumnum trank, equipped with 5 universal wheels SmartCap LT-216-370-6H580 September monitoring real inner level and temperature for containers with 216mm neck opening. 6 grooves and 580mm heights subable for YDS-65-216/YDS-115-216/YDS-115-216/YDS-175-216/Y- Lockable cap SG-216 Subable for YDS-65-216/YDS-95-216 Lockable cap SG-216 Subable for YDS-65-216/YDS-115-2 | | Rack | FTT-81-5 | Used for storing 9*9 cryo boxes (2ml), 5 layers in total, with 9*9 cryo boxes included, suitable for YDS-95-216/YDS-25H-216 |
| Includes | YDS-95-216 | Rack | FTT-81-2 (5.0) | |
| YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-115-216/YDS-145-216/YDS-145-216/YDS-175-216/Y Lockable cap SG-216 Suitable for YDS-65-216/YDS-115-216/YDS-145- | | Roller Base | YSC-685-5W | Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels |
| VDS-115-216 DH-15-216/PDH-25-216 Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container YDS-115-216-F Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, 14quid Nitrogen container YDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-211 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-211 Roller Base YSC-685-5W Suitable for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rock FTT-81-3 (5.0) Used for storing 9*0 cryo boxes (2ml), 6 layers in total, with 9*0 cryo boxes included, suitable for YDS-115-216 Rock FTT-81-6 Used for storing 9*0 cryo boxes (2ml), 6 layers in total, with 9*0 cryo boxes included, suitable for YDS-115-216 Cork (216) GS-216-20-7 Suitable for YDS-115-216 Suitable for YDS-115-216 Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container< | | SmartCap | LT-216-370-6H580 | |
| Liquid Nitrogen container (S.Om) Viai) YDS-115-216-F(S.O) Includes 6 racks for Sml, 3 layers in total, 18pcs of Sml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional YDS-115-216 Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional YDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-210 Roler Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for storing 9*9 cryo boxes, lockable cap, no PU bag, roller base is optional VDS-145-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-210 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels Similar (150ml monitor) areal time level and temperature for containers with 216mm neck opening, 6 grooves and 60mm height; suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for ormis meth interm neck opening Includes 6 racks (6 layers), 9*9 cryo boxes, lockable cap, no PU bag, roller base is optional Updid Nitrogen container YDS-145-216-F(5.0) Includes 6 racks (6 layers), 9*9 cryo boxes, lockable cap, no PU bag, roller base is optional Updid Nitrogen | | Cork (216) | GS-216-220-7 | |
| YDS-115-216 (Los / 113-216+F (3.0) roller base is optional YDS-115-216 Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional YDS-115-216 Includes lockable cap, no rack, no PU bag Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-3 (5.0) Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-210 Roller Base YSC-685-5W Suitable for al 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for monitoring real intel level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height. suitable for YDS-65-216/YDS-115-216 Cork (216) GS-216-220-7 Suitable for Storing 9*9 cryo boxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-FF Includes 6 racks for 5ml, 3 layers in total, with 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-FF Includes 6 racks for 5ml, 3 layers in total, 18 pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-FF Includes 6 racks for 5ml, 3 layers in total, with 9*9 cryo boxes incl | | Lockable cap | SG-216 | Suitable for container with 216mm neck opening |
| YDS-115-216 Includes of back (objects), 5 > Clycobase, lockable cap, not obagit robust objects YDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-3 (5.0) Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for container with 216rm neck opening, 6 grooves and 660rm monitoring ratable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for container with 216rm neck opening Liquid Nitrogen container YDS-145-216-F (5.0) Includes for acks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes for acks for fsml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes included, suitable for YDS-115-216 Uiquid Nitrogen container YDS-145-216-F Includes lockable cap. no rack, no PU bag Liquid Nitrogen container YDS-145-216-F Includes lockable cap. no rack, no PU bag | | | YDS-115-216-F (5.0) | |
| PDS-115-216 Rack FTT-81-6 Used for storing 9*9 cryo boxes (2ml). 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-214 Rack FTT-81-3 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-214 Roller Base YSC-685-5W Suitable for al 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for romotoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660m meight, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YD Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryo boxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 YDS-145-216 Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 YDS-1145-216 Rack FTT-81-8 <th></th> <td>Liquid Nitrogen container</td> <td>YDS-115-216-F</td> <td>Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional</td> | | Liquid Nitrogen container | YDS-115-216-F | Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional |
| YDS-115-216 Rack FTT-81-3 (5.0) Used for storing 9*9 cryo boxes(5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for DS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/YD Lockable cap SG-216 Suitable for Container with 216mm neck opening Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks for Sml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional VDS-145-216 Rack FTT-81-8 YDS-115-216 Rack FTT-81-8 VSS-115-216 Roller Base YSC-685-5W Suitable for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-8 VSS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-2 | | Liquid Nitrogen container | YDS-115-216S | Includes lockable cap, no rack, no PU bag |
| YBC Hack F11-81-3 (5.0) Used for storing 9*9 cryo boxes(5ml).3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-210 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-450-6H660 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 650mm height. suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for container with 216mm neck opening Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216 Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Kack FTT-81-8 <th></th> <td>Rack</td> <td>FTT-81-6</td> <td>Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216</td> | | Rack | FTT-81-6 | Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 |
| VDS-145-216 Includes for Control of Contervice of Control of Control of Contentering to Control of Cont | YDS-115-216 | Rack | FTT-81-3 (5.0) | Used for storing 9*9 cryo boxes(5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 |
| YDS-145-216 GS-216-220-7 Suitable for YDS-15-216/YDS-115-216/YDS-145-216/YDS-145-216/YDS-175-216/Y- DH-15-216/YDH-25-216 Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container (5.0ml Vial) YDS-145-216-F (5.0) Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216S Includes lockable cap, no rack, no PU bag Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height. suitable for YDS-515-216/YDS-115-216/YDS-145-216/ | | Roller Base | YSC-685-5W | Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels |
| VDS-145-216 DH-15-216/YDH-25-216 Lockable cap SG-216 Suitable for container with 216mm neck opening Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F (5.0) Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-2165 Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-2165 Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional YDS-145-216 Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening. 6 grooves and 660mm height, suitable for YDS-115-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YDS-145-216/YD | | SmartCap | LT-216-450-6H660 | |
| YDS-145-216 Liquid Nitrogen container (5.0ml Vial) YDS-145-216-F (5.0) Includes 6 racks for 5ml, 3 layers in total, 18pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, roller base is optional YDS-145-216 Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-8 Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-145-216/YDS | | Cork (216) | GS-216-220-7 | |
| YDS-145-216+ (5.0ml Vial) YDS-145-216+F (5.0) roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-216-F Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional Liquid Nitrogen container YDS-145-2165 Includes lockable cap, no rack, no PU bag Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for vomonitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height, suitable for YDS-115-216/YDS-115-216/YDS-145-21 | | Lockable cap | SG-216 | Suitable for container with 216mm neck opening |
| YDS-145-216 Includes of del spectral del spectre del spectral del spectral del spectral del spectral d | | Liquid Nitrogen container (5.0ml Vial) | YDS-145-216-F (5.0) | |
| PTDS-145-216 Rack FTT-81-8 Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/Y-DH-15-216/YDH-25-216 | | Liquid Nitrogen container | YDS-145-216-F | Includes 6 racks (6 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional |
| YDS-145-216 Rack FTT-81-4 (5.0) Used for storing 9*9 cryo boxes (5ml), 3 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 Roller Base YSC-685-5W Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening.6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/Y-DH-15-216/YDH-25-216 | | Liquid Nitrogen container | YDS-145-216S | Includes lockable cap, no rack, no PU bag |
| Rack YDS-115-216 Roller Base YSC-685-5W SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening. 6 grooves and 660mm height, suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-175-216/Y-DH-15-216/YDH-25-216 | | Rack | FTT-81-8 | Used for storing 9*9 cryo boxes (2ml), 6 layers in total, with 9*9 cryo boxes included, suitable for YDS-115-216 |
| SmartCap LT-216-570-6H770 Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height. suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/Y-DH-15-216/YDH-25-216 | YDS-145-216 | Rack | FTT-81-4 (5.0) | |
| G60mm height. suitable for YDS-115-216 G60mm height. suitable for YDS-115-216 Cork (216) GS-216-220-7 Suitable for YDS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/YD | | Roller Base | YSC-685-5W | Suitable for all 65L-175L aluminium tank, equipped with 5 universal wheels |
| Cork (216) 05 110 225 / DH-15-216/YDH-25-216 | | SmartCap | LT-216-570-6H770 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height. suitable for YDS-115-216 |
| Lockable cap SG-216 Suitable for container with 216mm neck opening | | Cork (216) | GS-216-220-7 | |
| | | Lockable cap | SG-216 | Suitable for container with 216mm neck opening |

Product List

| Liquid Nitrogen container (S.Om) Val) YDS-175-216-F (S.O) Includes 6 racks roller base is op includes 10 ckable /DS-175-216 Includes 10 ckable Includes 10 ckable Includes 10 ckable //DS-175-216 Rack FTT-81-10 Used for storing VDS-175-216 Includes 10 ckable //DS-175-216 Rack FTT-81-5 (S.O) Used for storing VDS-175-216 VDS-175-216 Includes 10 ckable //DS-175-216 Rack FTT-81-10 VDS-175-216 VDS-175-216 //DS-175-216 Rack FTT-81-5 (S.O) Used for storing VDS-175-216 VDS-175-216 //DS-175-216 Roler Base YSC-685-5W Suitable for YDS VDS-175-216 VDS-175-216 //DS-175-216 Cork (216) GS-216-220-7 Suitable for corn Cassettes includ //DS-175-216 blood bag rack XTT-25-2F14 (DS) Used for storing Cassettes includ //DS-175-216 blood bag rack XTT-25-3F14 (115) Used for storing Cassettes includ //DS-175-216 blood bag rack XTT-50-1F14 (65) Used for storing Cassettes includ //DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing Casse | Model | Product | Model | |
|---|-------------|---------------------------|---------------------|--------------------------------------|
| (5.0m/Via) (105-175-216-F(30) roller base is op (Liquid Nitrogen container YDS-175-216-F Includes 6 racks (Liquid Nitrogen container YDS-175-216 Includes 10ckab (Rack FTT-81-10 Used for storing (Rack FTT-81-50.0 Used for storing (Rack FTT-81-51.0 Used for storing (Rack FTT-81-10 Used for storing (Rack GS-216-220-7 Suitable for COR (Liockable cap SG-216 Suitable for coring (Rack XTT-25-2F14(15) Used for storing (Rack XTT-25-3F14(115) Used for storing (Blood bag rack XTT-50-1F14(65) Used for storing (Rack XTT-50-2F14(115) Used | i louer | | | Includes 6 racks |
| Liquid Nitrogen container YDS-175-2165 Includes lockab Rack FTT-81-10 Used for storing YDS-175-216 Rack FTT-81-5(5.0) Used for storing YDS-175-216 Rack FTT-81-5(5.0) Used for storing YDS-175-216 Roller Base YSC-685-5W Suitable for 16 SmartCap LT-216-670-6H870 Used for storing YDS-175-216 Lockable cap SG-216 Suitable for Cor Lockable cap SG-216 Suitable for cor blood bag rack XTT-25-2F14(65) Used for storing cassettes inclut blood bag rack XTT-25-3F14(115) Used for storing cassettes inclut blood bag rack XTT-25-3F14(115) Used for storing cassettes inclut blood bag rack XTT-50-1F14(65) Used for storing cassettes inclut blood bag rack XTT-50-2F14(115) Used for storing cassettes inclut blood bag rack XTT-50-3F14(125) Used for storing cassettes inclut blood bag rack XTT-50-3F14(125) Used for storing cassettes inclut blood bag rack XTT-50-3F14(125) Used for storing cassettes inclut blood bag rack | | (5.0ml Vial) | YDS-175-216-F (5.0) | roller base is op |
| PDS-175-216 Rack FTT-81-10 Used for storing YDS-175-216 Rack FTT-81-5(5.0) Used for storing YDS-175-216 Rack FTT-81-5(5.0) Used for storing YDS-175-216 Roller Base YSC-685-5W Suitable for all S70m height. SmartCap LT-216-670-6H870 Used for storing YDS-175-216 Lockable cap SG-216 Suitable for YDS H1-15-216/7D Lockable cap SG-216 Suitable for con ZOrk (216) Used for storing cassettes inclus Used for storing cassettes inclus blood bag rack XTT-25-2F14(65) Used for storing cassettes inclus blood bag rack XTT-25-3F14(115) Used for storing cassettes inclus blood bag rack XTT-25-3F14(115) Used for storing cassettes inclus blood bag rack XTT-50-1F14(65) Used for storing cassettes inclus blood bag rack XTT-50-2F14(115) Used for storing cassettes inclus blood bag rack XTT-50-2F14(115) Used for storing cassettes inclus blood bag rack XTT-50-3F14(15) Used for storing cassettes inclus blood bag rack XTT-50-3F14(15) Used for storing casset | | Liquid Nitrogen container | | Includes 6 racks |
| IDS-1//S-216 Rack FTT-81-5 (5.0) Used for storing Roller Base Roller Base YSC-685-5W Suitable for all 6 870mm height. Cork (216) GS-216-220-7 DH-15-216/7D Lockable cap SG-216 Suitable for con DH-15-216/7D Lockable cap SG-216 Suitable for con DH-15-216/7D blood bag rack XTT-25-2F14 (65) Used for storing cassettes inclus blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclus blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclus blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclus blood bag rack XTT-50-1F14 (15) Used for storing cassettes inclus blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclus blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclus blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclus blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclus blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclus blood bag rack X | | Liquid Nitrogen container | YDS-175-216S | Includes lockabl |
| Pack FTT-81-5(5.0) Used for storing Roller Base YSC-685-5W Suitable for al 6 SmartCap LT-216-670-6H870 B70m height. Cork (216) GS-216-220-7 Suitable for YDS Lockable cap SG-216 Suitable for YDS Lockable cap SG-216 Suitable for con Dlood bag rack XTT-25-2F14 (65) Used for storing cassettes includ Dlood bag rack XTT-25-3F14 (15) Used for storing cassettes includ Dlood bag rack XTT-25-3F14 (15) Used for storing cassettes includ Dlood bag rack XTT-25-3F14 (15) Used for storing cassettes includ Dlood bag rack XTT-25-3F14 (15) Used for storing cassettes includ Dlood bag rack XTT-50-1F14 (65) Used for storing cassettes includ Dlood bag rack XTT-50-2F14 (15) Used for storing cassettes includ Dlood bag rack XTT-50-2F14 (15) Used for storing cassettes includ Dlood bag rack XTT-50-2F14 (15) Used for storing cassettes includ Dlood bag rack XTT-50-3F14 (17) Used for storing cassettes includ Dlood bag ra | /DS-175-216 | Rack | FTT-81-10 | Used for storing YDS-175-216 |
| Note: Note: <th< td=""><td>05 175 210</td><td>Rack</td><td>FTT-81-5 (5.0)</td><td>Used for storing</td></th<> | 05 175 210 | Rack | FTT-81-5 (5.0) | Used for storing |
| SmartCap L1-216-8/0-6H8/0 870mm height. Cork (216) GS-216-220-7 Suitable for YOD DH-15-216/VD Lockable cap SG-216 Suitable for corn Cassettes inclue blood bag rack XTT-25-2F14 (65) Used for storing cassettes inclue blood bag rack XTT-25-3F14 (15) Used for storing cassettes inclue blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclue blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclue blood bag rack XTT-25-3F14 (115) Used for storing cassettes inclue blood bag rack XTT-50-1F14 (15) Used for storing cassettes inclue blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue blood bag rack XTT-50-3F14 (175) Used for storing cassettes inclue blood bag rack XTT-50-3F14 (15) Used for storing cassettes inclue blood bag rack | | Roller Base | YSC-685-5W | Suitable for all 6 |
| Dielectric Lock Dielectric | | SmartCap | LT-216-670-6H870 | Used for monito 870mm height. |
| blood bag rack XTT-25-2F14 (65) Used for storing cassettes include blood bag rack XTT-25-2F14 (95) Used for storing cassettes include blood bag rack XTT-25-3F14 (115) Used for storing cassettes include blood bag rack XTT-25-3F14 (115) Used for storing cassettes include blood bag rack XTT-25-3F14 (115) Used for storing cassettes include blood bag rack XTT-25-3F14 (115) Used for storing cassettes include blood bag rack XTT-50-1F14 (65) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes incl | | Cork (216) | GS-216-220-7 | Suitable for YDS DH-15-216/YD |
| /DS-175-216 Dood bag rack XTT-25-2F14 (15) Used for storing cassettes included in the cassettes included included in the cassettes included inc | | Lockable cap | SG-216 | Suitable for con |
| Diood bag rack XTT-25-3F14 (115) Used for storing cassettes included in the second secon | | blood bag rack | XTT-25-2F14 (65) | Used for storing cassettes includ |
| /DS-175-216 Diood bag rack XTT-25-4F14 (145) Used for storing cassettes included in the second | | blood bag rack | XTT-25-2F14 (95) | Used for storing cassettes includ |
| /DS-175-216 Diood bag rack XTT-25-5F14 (175) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-1F14 (65) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-1F14 (95) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes inclue /DS-175-216 blood bag rack XTT-50-3F14 (175) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (65) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (95) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue /DIood bag rack XTT-250-1F8 (145) Used for storing cassettes incl | | blood bag rack | XTT-25-3F14(115) | Used for storing cassettes includ |
| /DS-175-216 blood bag rack XTT-50-1F14 (165) Used for storing cassettes include /DS-175-216 blood bag rack XTT-50-1F14 (95) Used for storing cassettes include /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-3F14 (175) Used for storing cassettes include blood bag rack XTT-50-3F14 (175) Used for storing cassettes include blood bag rack XTT-250-1F8 (65) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (145) Used for storing cassettes include | | blood bag rack | XTT-25-4F14(145) | Used for storing cassettes includ |
| /DS-175-216 blood bag rack XTT-50-1F14 (95) Used for storing cassettes included in the cassettes i | | blood bag rack | XTT-25-5F14 (175) | Used for storing cassettes includ |
| /DS-175-216 blood bag rack XTT-50-2F14 (115) Used for storing cassettes included in the case the cassettes included in the cassettes included in the c | | blood bag rack | XTT-50-1F14 (65) | Used for storing cassettes includ |
| blood bag rack XTT-50-2F14 (115) Used for storing cassettes include blood bag rack XTT-50-2F14 (145) Used for storing cassettes include blood bag rack XTT-50-3F14 (175) Used for storing cassettes include blood bag rack XTT-250-1F8 (65) Used for storing cassettes include blood bag rack XTT-250-1F8 (65) Used for storing cassettes include blood bag rack XTT-250-1F8 (95) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (145) Used for storing cassettes include | | blood bag rack | XTT-50-1F14 (95) | Used for storing cassettes includ |
| blood bag rack XTT-50-3F14 (175) Used for storing cassettes include blood bag rack XTT-250-1F8 (65) Used for storing cassettes include blood bag rack XTT-250-1F8 (65) Used for storing cassettes include blood bag rack XTT-250-1F8 (95) Used for storing cassettes include blood bag rack XTT-250-1F8 (15) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (145) Used for storing cassettes include blood bag rack XTT-250-2F8 (175) Used for storing cassettes include | ′DS-175-216 | blood bag rack | XTT-50-2F14 (115) | Used for storing cassettes includ |
| blood bag rack XTT-250-1F8 (65) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (95) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (115) Used for storing cassettes inclue blood bag rack XTT-250-1F8 (145) Used for storing cassettes inclue blood bag rack XTT-250-2F8 (175) Used for storing cassettes inclue | | blood bag rack | XTT-50-2F14 (145) | Used for storing cassettes includ |
| blood bag rack XTT-250-1F8 (15) cassettes includ blood bag rack XTT-250-1F8 (15) Used for storing cassettes includ blood bag rack XTT-250-1F8 (115) Used for storing cassettes includ blood bag rack XTT-250-1F8 (145) Used for storing cassettes includ | | blood bag rack | XTT-50-3F14 (175) | Used for storing cassettes includ |
| blood bag rack XTT-250-1F8 (115) Used for storing cassettes include blood bag rack XTT-250-1F8 (145) Used for storing cassettes include blood bag rack XTT-250-2F8 (145) Used for storing cassettes include blood bag rack XTT-250-2F8 (175) Used for storing | | blood bag rack | XTT-250-1F8 (65) | Used for storing cassettes includ |
| blood bag rack XTT-250-1F8 (115) cassettes inclue blood bag rack XTT-250-1F8 (145) Used for storing cassettes inclue blood bag rack XTT-250-2F8 (175) Used for storing | | blood bag rack | XTT-250-1F8 (95) | Used for storing cassettes includ |
| blood bag rack XTT-250-2F8 (175) Used for storing | | blood bag rack | XTT-250-1F8 (115) | Used for storing cassettes includ |
| Dibbo bagiack X11-250-2F0(1/5) | | blood bag rack | XTT-250-1F8 (145) | Used for storing cassettes includ |
| | | blood bag rack | XTT-250-2F8 (175) | Used for storing cassettes includ |

| Deen | ption an | | |
|--------|----------|---------|--------|
| Descri | ntion an | d Acces | sories |
| | | | |

ks for 5ml, 5 layers in total, 30pcs of 5ml 9*9 cryo boxes and lockable cap included, no PU bag, ptional

s (10 layers), 9*9 cryoboxes, lockable cap, no PU bag, roller base is optional

ble cap, no rack, no PU bag

ng 9*9 cryo boxes (2ml), 10 layers in total, with 9*9 cryo boxes included, suitable for

ng 9*9 cryo boxes (5ml), 5 layers in total, with 9*9 cryo boxes included, suitable for YDS-175-216

65L-175L aluminium tank, equipped with 5 universal wheels

toring real time level and temperature for containers with 216mm neck opening, 6 grooves and tsuitable for YDS-175-216

DS-65-216/YDS-95-216/YDS-115-216/YDS-145-216/YDS-175-216/Y-DH-25-216

ntainer with 216mm neck opening

ng 25ml blood bag, 2 levels in total with each layer storing 14pcs of 25ml blood bag, with 28 uded, suitable for YDS-65-216, 6 racks can be fitted.

ng 25ml blood bag, 2 levels in total with each layer storing 14pcs of 25ml blood bag, with 28 uded, suitable for YDS-95-216, 6 racks can be fitted.

ng 25ml blood bag, 3 levels in total with each layer storing 14pcs of 25ml blood bag, with 42 uded, suitable for YDS-115-216, 6 racks can be fitted.

ng 25ml blood bag, 4 levels in total with each layer storing 14pcs of 25ml blood bag, with 56 uded, suitable for YDS-145-216, 6 racks can be fitted.

ng 25ml blood bag, 5 levels in total with each layer storing 14pcs of 25ml blood bag, with 70 uded, suitable for YDS-175-216, 6 racks can be fitted.

ng 50ml blood bag, 1 level in total with each layer storing 14pcs of 50ml blood bag, with 14 uded, suitable for YDS-65-216, 6 racks can be fitted.

ng 50ml blood bag, 1 level in total with each layer storing 14pcs of 50ml blood bag, with 14 uded, suitable for YDS-95-216, 6 racks can be fitted.

ng 50ml blood bag, 2 levels in total with each layer storing 14pcs of 50ml blood bag, with 28 uded, suitable for YDS-115-216, 6 racks can be fitted.

ng 50ml blood bag, 2 levels in total with each layer storing 14pcs of 50ml blood bag, with 28 uded, suitable for YDS-145-216, 6 racks can be fitted.

ng 50ml blood bag, 3 levels in total with each layer storing 14pcs of 50ml blood bag, with 42 uded. suitable for YDS-175-216. 6 racks can be fitted.

ng 250ml blood bag, 1 level in total with each layer storing 8pcs of 250ml blood bag, with 8 uded, suitable for YDS-65-216, 6 racks can be fitted.

ng 250ml blood bag, 1 level in total with each layer storing 8pcs of 250ml blood bag, with 8 uded, suitable for YDS-95-216, 6 racks can be fitted.

ng 250ml blood bag, 1 level in total with each layer storing 8pcs of 250ml blood bag, with 8 uded, suitable for YDS-115-216, 6 racks can be fitted.

ng 250ml blood bag, 1 levels in total with each layer storing 8pcs of 250ml blood bag, with 8 uded, suitable for YDS-145-216, 6 racks can be fitted.

ng 250ml blood bag, 1 levels in total with each layer storing 8pcs of 250ml blood bag, with 8 uded, suitable for YDS-145-216, 6 racks can be fitted.

Haier Biomedical Liquid Nitrogen Storage Solutions

Biological Sample Library-YDS Series

Storage Example of 2ml Internally Threaded Vial



Storage Example of Tall 5ml Cryovials



Blood Bag Storage Example



Straw Storage Example



Small Sized Storage Series (Square Racks)

Widely used within many laboratories, this small-sized storage series features low LN₂ consumption and dual handle design. Stores between 100 and 1100 vials in square racks and cryo boxes.

- 5 Years Vacuum Warranty
- High Thermal Efficiency
- Lightweight
- 10 Litre to 50 Litre Capacity





- Durable
- Secure
- Super-Insulation
- Ideal for Lab Applications

Haier

YDS-35-125-F

Key Features

- Heavy duty lockable enclosure offers excellent security
- Strong, lightweight aluminium construction
- Dual handles
- Temperature monitoring available

- Roller bases available
- High thermal efficiency
- 5 years vacuum warranty

• Ultra-low LN₂ evapouration loss

Product Advantages

Low LN₂ Consumption and Maximum Storage Efficiency

Haier Biomedical's Small Sized Storage Series (Square Racks) Liquid Nitrogen Storage System features low LN2 consumption and small storage capacity for laboratory applications. The lightweight containers have a smaller footprint whilst providing maximum efficiency of cryogenic storage capacity.

Advanced Vacuum Technology and Super-insulation Technology

Advanced vacuum and insulation technologies provide ultra-low liquid nitrogen evapouration loss and ensure up to three months cryogenic storage.

Rack

Five Models Available

Small Sized Storage Series (Square Racks) offers Five models with different capacity from 100, 600, 750, 900 to 1100 standard 2ml cryovials. All models are supplied with stainless steel racks and cryogenic boxes.

Accessories









Technical Parameters

| Model | YDS-10-125-F | YDS-30-125-F | YDS-35-125-F | YDS-47-127-T37 | YDS-50B-125-F | | |
|---------------------------------|--------------|--------------|--------------|----------------|---------------|--|--|
| Maximum Storage Capacity | | | | | | | |
| No. of Rack | 1 | 6 | 6 | 6 | 6 | | |
| 1.2&2 ml Cryovials (25 per box) | 100 | 600 | 750 | 1110 | 900 | | |
| No. of Boxes in (Rack) | 4 | 4 | 5 | 5 | 6 | | |
| Performance | | | | | | | |
| Volume of LN ₂ (L) | 10 | 31.5 | 35.5 | 47 | 50 | | |
| Static Evapouration* (L/Day) | 0.42 | 0.35 | 0.36 | 0.36 | 0.45 | | |
| Static Holding Time** (Day) | 24 | 90 | 97 | 130 | 110 | | |
| Dimensions | | | | | | | |
| Opening Diameter (mm) | 125 | 125 | 125 | 127 | 125 | | |
| Height (mm) | 625 | 704 | 748 | 718 | 818 | | |
| Outside Diameter (mm) | 300 | 462 | 462 | 508 | 462 | | |
| Empty Weight (kg) | 6.3 | 13 | 14.5 | 18.2 | 17.3 | | |
| Full Weight (kg) | 15.1 | 38.9 | 43.2 | 60.9 | 62.4 | | |
| Shipping Weight (kg) | 9.6 | 19.3 | 21.9 | 30.7 | 30.3 | | |

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

** Static Holding Time: the amount of days it takes for all of the LN2 to evapourate out after container is filled with liquid nitrogen to pre-cool and reach thermal equilibrium and the liquid nitrogen filling rate reaches 100% under standard atmospheric condition.

Product List

| Model | Product | Model | |
|------------|------------------------------|------------------|-------------------------------|
| | Liquid Nitrogen container | YDS-10-125-F | Include 1 squ |
| | Liquid Nitrogen container | YDS-10-125 | No canister; |
| YDS-10-125 | Rack | FTT-25-4 | Used for sto for YDS-30- |
| 103-10-125 | Canister | TT10H-125 | Φ 97,120mm |
| | Cork (125) | GS-125-180 | Suitable for ` |
| | Lockable cap | SG-125 | Suitable for (|
| | Liquid Nitrogen container | YDS-30-125-F | Includes 6 ra |
| | Liquid Nitrogen container | YDS-30-125 | Includes PU |
| | Rack | FTT-25-4 | Used for sto for YDS-30- |
| YDS-30-125 | Canister | TT30-125 | Φ97,120mr |
| | Roller Base | YSC-465-5W | "Suitable for equipped wit |
| | SmartCap | LT-125-370-6H540 | Used for mo opening, 6 g |
| | Cork (125) | GS-125-210 | Suitable for ` |
| | Lockable cap | SG-125 | Suitable for (|

Description and Accessories

quare rack with 4 layers and 5*5 cryobox; lockable cap; no PU bag

r; no PU bag; no lockable cap; equiped with braces for carrying

oring 5*5 cryo boxes (2ml), 4 layers in total, with 5*5 cryo boxes included, suitable)-125/YDS-10-125

m single tier canister, No goblet, suitable for YDH-10-125

YDS-10-125 YDH-10-125 YDS-50B-125

container with 125mm and 127mm neck opening

acks with 4 layers, 5*5 cryoboxes, lockable cap and PU bag, roller base is optional.

J bag only, roller base is optional

coring 5*5 cryo boxes (2ml), 4 layers in total, with 5*5 cryo boxes included, suitable 0-125/YDS-10-125

m single tier canister, No goblet, suitable for YDS-30-125

r tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, ith 5 universal wheels.'

onitoring real time level and temperature for containers with 80mm neck grooves and 540mm height. suitable for YDS-20-125/YDS-30-125

YDS-30-125/YDS-35-125/YDS-47-127/YDS-35B-125

container with 125mm and 127mm neck opening

* All models with F-suffix are supplied with stainless steel racks and cryo boxes.

| Model | Product | Model | Description and Accessories |
|-------------|------------------------------|-------------------|---|
| | Liquid Nitrogen container | YDS-35-125-LYS | Includes 6 canisters (Height 276mm), lockable cap and PU bag,roller base is optional |
| | Liquid Nitrogen container | YDS-35-125-F | Includes 6 racks with 5 layers, 5*5 cryoboxes, lockable cap and PU bag, roller base is optional. |
| | Liquid Nitrogen container | YDS-35-125 | Includes PU bag only, roller base is optional |
| | Rack | FTT-25-5 | Used for storing 5*5 cryo boxes (2ml), 5 layers in total, with 5*5 cryo boxes included, suitable for YDS-35-125 |
| | Canister | TT35-125 | Φ 97,120mm single tier canister, No goblet, suitable for YDS-35-125 |
| YDS-35-125 | Canister | TTS35-125 | Φ 97,276mm double-tier canister, 2 goblets included. Suitable for YDS-35-125 |
| | Roller Base | YSC-465-5W | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | SmartCap | LT-125-400-6H575 | Used for monitoring real time level and temperature for containers with 125mm neck opening, 6 grooves and 575mm height. suitable for YDS-25-125/YDS-35-125/YDS-35-125 |
| | Cork (125) | GS-125-210 | Suitable for YDS-30-125 YDS-35-125 YDS-47-127 YDS-35B-125 |
| | Lockable cap | SG-125 | Suitable for container with 125mm and 127mm neck opening |
| | Liquid Nitrogen container | YDS-47-127-T37 | Includes 6 canisters (Height 276mm), lockable cap and PU bag,roller base is optional |
| | Liquid Nitrogen container | YDS-47-127-10TS | Includes 6 racks with 5 layers, 5*5 cryoboxes, lockable cap and PU bag, roller base is optional. |
| | Round Rack (Y98-37) | YTT-37-5 | Includes PU bag only, roller base is optional |
| - | Canister | TTS47-127-10T | Used for storing 5*5 cryo boxes (2ml), 5 layers in total, with 5*5 cryo boxes included, suitable for YDS-35-125 |
| | Roller Base | YSC-525-5W | Φ 97,120mm single tier canister. No goblet, suitable for YDS-35-125 |
| YDS-47-127 | SmartCap | LT-127-370-10H570 | Φ 97,276mm double-tier canister, 2 goblets included. Suitable for YDS-35-125 |
| | SmartCap | LT-127-400-6H570 | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | Cork (125) | GS-125-210 | Used for monitoring real time level and temperature for containers with 125mm neck opening, 6 grooves and 575mm height. suitable for YDS-25-125/YDS-35-125/YDS-35-125 |
| | Cork (125) | GS-127-210-10 | Suitable for YDS-30-125 YDS-35-125 YDS-47-127 YDS-35B-125 |
| | Lockable cap | SG-125 | Suitable for container with 125mm and 127mm neck opening |
| | Liquid Nitrogen container | YDS-50B-125-F | Includes 6 racks with 6 layers, 5*5 cryoboxes, lockable cap and PU bag, roller base is optional. |
| | Liquid Nitrogen container | YDS-50B-125-LYS | "Includes 6 canisters (Φ 97/276mm), lockable cap and PU bag. roller base is optional" |
| | Liquid Nitrogen container | YDS-50B-125 | Includes PU bag only, roller base is optional |
| | Rack | FTT-25-6 | Used for storing 5*5 cryo boxes (2ml), 6 layers in total, with 5*5 cryo boxes included, suitable for YDS-50B-125 |
| | Canister | TT50-125 | Φ 97,120mm single tier canister, No goblet, suitable for YDS-50B-125 |
| YDS-50B-125 | Canister | TTS50-125 | Φ 97,276mm double-tier canister, 2 goblets included. Suitable for YDS-50B-125 |
| | Roller Base | YSC-465-5W | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | SmartCap | LT-125-500-6H670 | Used for monitoring real time level and temperature for containers with 125mm neck opening, 6 grooves and 670mm height. suitable for YDS-50B-125 |
| | Cork (125) | GS-125-180 | Suitable for YDS-10-125/YDH-10-125/YDS-50B-125 |
| | Lockable cap | SG-125 | Suitable for container with 125mm and 127mm neck opening |

Product Description

SmartCap is a low energy consumption module that can monitor liquid nitrogen level and temperature in a liquid nitrogen tank. It is suitable for aluminium alloy liquid nitrogen tanks with opening port size of 50mm, 80mm, 125mm, 216mm. The built-in high efficiency lithium battery can operate the device for more than two years.



SmartCap

Product Characteristics



Independent, high accuracy measuring system for liquid level and temperature

Real time display of level and temperature.

Built-in high efficiency lithium battery for longevity

| Model | Product | Model | Description and Accessories |
|-----------|--------------------------------|-----------------------------|--|
| | | | Used for monitoring real time level and temperature for containers with 50mm neck opening, |
| | SmartCap | LT-50-220-6H360 | 6 grooves and 360mm height. data can be transmitted to cloud platform, suitable for YDS-3/YDS-6 |
| | SmartCap | LT-50-280-6H420 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 420mm height. suitable for YDS-10/YDS-15 |
| | SmartCap | LT-50-370-6H540 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 540mm height. suitable for YDS-20/YDS-30 |
| | SmartCap | LT-50-400-6H570 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 570mm height. suitable for YDS-25/YDS-35/YDS-35 |
| | SmartCap | LT-50-450-6H580 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 580mm height. suitable for YDS-25/YDS-35 |
| | SmartCap | LT-50-500-6H640 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 640mm height. suitable for YDS-50 |
| | SmartCap | LT-80-220-6H370 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 370mm height. suitable for YDS-6-80 |
| | SmartCap | LT-80-280-6H430 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 430mm height. suitable for YDS-10-80/YDS-15-80 |
| | SmartCap | LT-80-370-6H530 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 530mm height. suitable for YDS-20-80/YDS-30-80 |
| | SmartCap | LT-80-400-6H580 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 580mm height. suitable for YDS-25-80/YDS-35-80 |
| | SmartCap | LT-80-500-6H640 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 640mm height. suitable for YDS-50-80 |
| _ | SmartCap | LT-125-370-6H540 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 540mm height. suitable for YDS-20-125/YDS-30-125 |
| Smart Cap | SmartCap | LT-125-400-6H575 | Used for monitoring real time level and temperature for containers with 125mm neck opening, 6 grooves and 575mm height. suitable for YDS-25-125/YDS-35-125/YDS-35-125 |
| | SmartCap | LT-125-500-6H670 | Used for monitoring real time level and temperature for containers with 125mm neck opening, 6 grooves and 670mm height. suitable for YDS-50B-125 |
| | SmartCap | LT-127-370-10H50 | Used for monitoring real time level and temperature for containers with 127mm neck opening, 10 grooves and 570mm height. Suitable for YDS-47-127-10T/MVE-XC47/11-10 |
| | SmartCap | LT-127-400-6H570 | Used for monitoring real time level and temperature for containers with 127mm neck opening, 6 grooves and 570mm height. suitable for YDS-47-127-6Y/YDS-47-127/MVE XC-47/11-6 |
| | SmartCap | LT-216-340-6H530 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 530mm height. suitable for YDS-65-216 |
| | SmartCap | LT-216-340-4H540 D1 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 4 grooves and 540mm height. suitable for Thermo-Locator Jr.plus(- CY50925-70THERMO)/MVE Crosysterm 2000 |
| | SmartCap | LT-216-370-6H580 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 580mm height.suitable for YDS-95-216 |
| | SmartCap | LT-216-450-6H660 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 660mm height. suitable for YDS-115-216 |
| | SmartCap | LT-216-570-6H770 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 770mm height.suitable for YDS-145-216 |
| | SmartCap | LT-216-670-6H870 | Used for monitoring real time level and temperature for containers with 216mm neck opening, 6 grooves and 870mm height.suitable for YDS-175-216 |
| | Data repeater | RP-3002G | SIM card to tranfer data through GPRS and WIFI; include the SIM card |
| | Data transfer module-WIFI | RP-300W | WIFI to transfer data; prior for client not in China |
| | SMS alarm service cost | SMS alarm service | Not recommended |
| | Cloud platform service cost | Cloud platform service cost | Suitable for SJ CRYO'S service, charged by quantity of container, 1 year/set |

High Capacity Series for Storage or Transport (Round Canisters)

High Capacity Series for Storage or Transport (Round Canisters) provides two cryopreservation solutions for long-term static storage and transportation of biological samples.

- Numbered Index Canister Locations
- High Capacity
- High Thermal Efficiency
- 5 Years Vacuum Warranty
- Extended Hold Time



- LN₂ Dispenser
- Round Canisters for Straw
 Storage
- Lockable
- Roller Bases Available

Haier Biomedical Liquid Nitrogen Storage Solutions

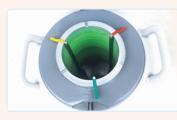
Key Features

- Strong and lightweight aluminium construction
- Heavy duty lockable enclosure offers excellent security
- Numbered index location points for canisters
- Straw storage
- LN2 dispense pump available

Product Advantages

Narrow neck design and excellent thermal conductivity reduces evapouration loss of liquid nitrogen to extend storage times.

Large-capacity models have wider necks for easy access to biological samples.

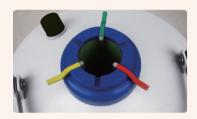


• Roller bases available

• High thermal efficiency

• 5 years vacuum warranty

• Ultra-low evapouration loss



Long-term cryopreservation models have narrower necks with less heat intrusion.

Technical Parameters

| | Model | YDS-2-30 | YDS-2-35 | YDS-3 | YDS-6 | YDS-10 | YDS-10-80 |
|---------------------|--|----------|----------|--------------|-------|--------|-----------|
| | No. of Canister | 3 (3) | 3 (3) | (0) 6 (0) | 6 (0) | 6 (0) | 6 (0) |
| | No. of Straws (Single Layer) (0.5ml each canister) | 90 | 165 | 792 | 792 | 792 | 2244 |
| Maximum Capacity | No. of Straws (Single Layer) (0.25ml each canister) | 204 | 330 | 1788 | 1788 | 1788 | 5022 |
| | No. of Straws (Double Layer) (0.5ml each canister) | — | — | — | — | — | _ |
| | No. of Straws (Double Layer) (0.25ml each canister) | _ | | | _ | | _ |
| | Volume of LN ₂ (L) | 2 | 2 | 3 | 6 | 10 | 10 |
| Performance | Static Evapouration* (L/Day) | 0.07 | 0.08 | 0.12 | 0.12 | 0.12 | 0.21 |
| | Static Holding Time** (Day) | 28 | 24 | 26 | 52 | 86 | 48 |
| | Opening Diameter (mm) | 30 | 35 | 50 | 50 | 50 | 80 |
| - | Height (mm) | 399 | 428 | 435 | 482 | 552 | 557 |
| - | Outside Diameter (mm) | 223 | 204 | 223 | 300 | 300 | 300 |
| Dimensions | Canister Outside Diameter (mm) | 19 | 25 | 38 | 38 | 38 | 63 |
| - | Outside Height (mm) | 120 | 120 | 120 | 120 | 120 | 120 |
| | Empty Weight (kg) | 2.8 | 2.6 | 3.1 | 4.8 | 6.1 | 6.2 |
| | Full Weight (kg) | 4.5 | 4.4 | 6 | 9.9 | 14.5 | 14.7 |
| | Shipping Weight (kg) | 5.1 | 4.9 | 5.8 | 8 | 9 | 9.3 |

| | Model | YDS-10-125 | YDS-13 | YDS-15 | YDS-20 | YDS-30 |
|---------------------|--|------------|--------|--------|---------|---------|
| | No. of Canister | 1 (0) | 6 (0) | 6 (0) | 6 (0) | 6 |
| Maximum Capacity | No. of Straws (Single Layer) (0.5ml each canister) | 854 | - | 792 | 792 | 792 |
| | No. of Straws (Single Layer) (0.25ml each canister) | 1940 | - | 1788 | 1788 | 1788 |
| | No. of Straws (Double Layer) (0.5ml each canister) | - | 1284 | - | 1284 | 1284 |
| | No. of Straws (Double Layer) (0.25ml each canister) | - | 2832 | - | 2832 | 2832 |
| | Volume of LN ₂ (L) | 10 | 13 | 15 | 20 | 30 |
| Performance | Static Evapouration* (L/Day) | 0.43 | 0.12 | 0.11 | 0.12 | 0.12 |
| | Static Holding Time** (Day) | 24 | 109 | 134 | 168 | 254 |
| | Opening Diameter (mm) | 125 | 50 | 50 | 50 | 50 |
| | Height (mm) | 625 | 623 | 591 | 672 | 705 |
| | Outside Diameter (mm) | 300 | 310 | 394 | 394 | 462 |
| Dimensions | Canister Outside Diameter (mm) | 97 | 38 | 38 | 38 | 38 |
| | Outside Height(mm) | 120 | 276 | 120 | 120/276 | 120/276 |
| - | Empty Weight (kg) | 6.3 | 6.3 | 8.5 | 9.5 | 12.9 |
| | Full Weight (kg) | 15.1 | 17.3 | 20.5 | 28.1 | 36.6 |
| | Shipping Weight (kg) | 8.6 | 11 | 13 | 15 | 18 |

| | Model | YDS-30 -80 | YDS-30 -125 | YDS-35 | YDS-35 -80 | YDS-35 -125 | YDS-47 -127 |
|---------------------|--|---------------|----------------|---------|---------------|----------------|----------------|
| | No. of Canister | 6 (0) | 6 (0) | 6 (0) | 6 (0) | 6 (0) | 10(0) |
| | No. of Straws (Single Layer) (0.5ml each canister) | 2244 | 5124 | 792 | - | - | - |
| Maximum Capacity | No. of Straws (Single Layer) (0.25ml each canister) | 5022 | 11640 | 1788 | - | - | - |
| | No. of Straws (Double Layer) (0.5ml each canister) | 3624 | - | 1284 | 3624 | 9048 | 8200 |
| | No. of Straws (Double Layer) (0.25ml each canister) | 8460 | - | 2832 | 8460 | 20760 | 16400 |
| | Volume of LN ₂ (L) | 30 | 30 | 35 | 35 | 35 | 47 |
| Performance | Static Evapouration* (L/Day) | 0.21 | 0.35 | 0.12 | 0.22 | 0.37 | 0.36 |
| | Static Holding Time** (Day) | 147 | 90 | 286 | 159 | 97 | 130 |
| | Opening Diameter (mm) | 80 | 125 | 50 | 80 | 125 | 127 |
| | Height (mm) | 709 | 704 | 749 | 753 | 748 | 718 |
| | Outside Diameter (mm) | 462 | 462 | 462 | 462 | 462 | 508 |
| Dimensions | Canister Outside Diameter (mm) | 63 | 97 | 38 | 63 | 97 | 72 |
| | Outside Height (mm) | 120/276 | 120 | 120/276 | 276 | 276 | 276 |
| | Empty Weight (kg) | 13 | 13 | 14.2 | 14.5 | 14.6 | 18.2 |
| | Full Weight (kg) | 37 | 38.9 | 42.7 | 42.9 | 43.2 | 54 |
| | Shipping Weight (kg) | 18.3 | 19.3 | 20 | 20.7 | 22 | 28 |

| | Model | YDS-20B | YDS-30B | YDS-35B |
|-------------|--|---------|---------|---------|
| | No. of Canister | 6 (0) | 6 (0) | 6 (0) |
| | No. of Straws (Single Layer) (0.5ml each canister) | 792 | 792 | 792 |
| laximum | No. of Straws (Single Layer) (0.25ml each canister) | 1788 | 1788 | 1788 |
| Capacity | No. of Straws (Double Layer) (0.5ml each canister) | 1284 | 1284 | 1284 |
| | No. of Straws (Double Layer) (0.25ml each canister) | 2832 | 2832 | 2832 |
| | Volume of LN ₂ (L) | 20 | 30 | 35 |
| Performance | Static Evapouration* (L/Day) | 0.2 | 0.2 | 0.2 |
| | Static Holding Time** (Day) | 101 | 159 | 179 |
| | Opening Diameter (mm) | 50 | 50 | 50 |
| | Height (mm) | 672 | 705 | 749 |
| | Outside Diameter (mm) | 394 | 462 | 462 |
| Dimensions | Canister Outside Diameter (mm) | 38 | 38 | 38 |
| | Outside Height (mm) | 120/276 | 120/276 | 120/276 |
| | Empty Weight (kg) | 9.5 | 12.9 | 14.2 |
| | Full Weight (kg) | 27.9 | 37.1 | 42.8 |
| | Shipping Weight (kg) | 15.1 | 18.3 | 20.1 |

| | Model | YDS-35B-80 | YDS-35B-125 | YDS-50B | YDS-50B-125 |
|---------------------|--|------------|-------------|---------|-------------|
| | No. of Canister | 6 (0) | 6 (O) | 6 (O) | 6 (0) |
| | No. of Straws (Single Layer) (0.5ml each canister) | 2244 | 5124 | 792 | 5124 |
| Maximum Capacity | No. of Straws (Single Layer) (0.25ml each canister) | 5022 | 11640 | 1788 | 11640 |
| | No. of Straws (Double Layer) (0.5ml each canister) | 3624 | 9048 | 1284 | 9048 |
| | No. of Straws (Double Layer) (0.25ml each canister) | 8460 | 20760 | 2832 | 20760 |
| | Volume of LN ₂ (L) | 35 | 35 | 50 | 50 |
| Performance | Static Evapouration* (L/Day) | 0.3 | 0.41 | 0.24 | 0.45 |
| | Duration of Normal Operation** (Day) | 119 | 86 | 213 | 110 |
| | Opening Diameter (mm) | 80 | 125 | 50 | 125 |
| | Height (mm) | 753 | 748 | 810 | 817 |
| | Outside Diameter (mm) | 462 | 462 | 462 | 462 |
| Dimensione | Canister Outside Diameter (mm) | 63 | 97 | 38 | 97 |
| Dimensions | Outside Height (mm) | 120/276 | 120/276 | 120/276 | 120/276 |
| | Empty Weight (kg) | 14.5 | 14.6 | 17.2 | 17.3 |
| | Full Weight (kg) | 43 | 43.5 | 60.3 | 62 |
| | Shipping Weight (kg) | 20.7 | 22 | 24 | 25.4 |

† A(B): A for maximum number of canisters, B for number of canisters in standard configuration

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

** Static Holding Time: the amount of days it takes for all of the LN to evapourate out after container is filled with liquid nitrogen to pre-cool and reach thermal equilibrium and the liquid nitrogen filling rate reaches 100% under standard atmospheric condition.

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 | |

Accessories



| 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 | |

6



| Model | Product | Model | Description and Accessories | |
|-----------|------------------------------|--------------|---|--|
| YDS-2-30 | Liquid Nitrogen container | YDS-2-30-YS | Includes 3 canisters, lockable cap and PU bag | |
| | Canister | TT2-30 | Φ 19, 120mm single tier canister, No goblet, suitable for YDS-2-30 | |
| | Cork (30) | GS-30-125 | Suitable for YDS-2-30 | |
| | Lockable cap | SG-30 | Suitable for container with 30mm neck opening, suitable for YDS-2-30 | |
| | Liquid Nitrogen container | YDS-2-35-YS | Includes 3 canisters, lockable cap and Braces for carrying, no PU bag | |
| YDS-2-35 | Canister | TT2-35 | Φ 25,120mm single tier canister. No goblet, suitable for YDS-2-35 | |
| | Cork (30) | GS-35-125 | Suitable for YDS-2-35 | |
| | Lockable cap | SG-35 | Suitable for container with 35mm neck opening, suitable for YDS-2-35 | |
| | Liquid Nitrogen container | YDS-3-YS | Includes 6 canisters (Height 120mm), lockable cap and PU bag | |
| | Liquid Nitrogen container | YDS-3 | Includes PU bag only | |
| YDS-3 | Canister | TT3-50 | Φ 38, 120mm single tier canister, No goblet, suitable for YDS-3 | |
| | Cork (50) | GS-50-180 | Suitable for YDS-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B | |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening | |
| | Liquid Nitrogen container | YDS-6-YS | Includes 6 canisters (Height 120mm), lockable cap and PU bag | |
| | Liquid Nitrogen container | YDS-6 | Includes PU bag only | |
| YDS-6 | Canister | TT6-50 | Φ 38,120mm single tier canister, No goblet, suitable for YDS-6 | |
| | Cork (50) | GS-50-180 | Suitable for YDS-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B | |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening | |
| | Liquid Nitrogen container | YDS-10-YS | Includes 6 canisters (Height 120mm), lockable cap and PU bag | |
| | Liquid Nitrogen container | YDS-10 | Includes PU bag only | |
| YDS-10 | Canister | TT10-50 | Φ 38,120mm single tier canister, No goblet, suitable for YDS-10 | |
| | Cork (50) | GS-50-180 | Suitable for YDS-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B | |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening | |
| | Liquid Nitrogen container | YDS-10-80-YS | Includes 6 canisters (Height 120mm), lockable cap and PU bag | |
| | Liquid Nitrogen container | YDS-10-80 | Includes PU bag only | |
| YDS-10-80 | Canister | TT10-80 | Φ 63,120mm single tier canister. No goblet, suitable for YDS-10-80 | |
| | Cork (80) | GS-80-180 | Suitable for YDH-6-80/YDS-10-80 | |
| | Lockable cap | SG-80 | Suitable for container with 80mm neck opening | |
| | Liquid Nitrogen container | YDS-13-LYS | Includes 6 canisters (Height 276mm), lockable cap and PU bag | |
| | Liquid Nitrogen container | YDS-13 | Includes PU bag only | |
| YDS-13 | Canister | TTS13-50 | Φ 38,276mm double-tier canister, 2 goblets included. Suitable for YDS-13 | |
| | Cork (50) | GS-50-180 | Suitable for YDS-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B | |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening | |

Product List

| Model | Product | Model | |
|-----------|------------------------------|-----------------|-----------------------------------|
| | Liquid Nitrogen container | YDS-15-YS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-15 | Includes PU ba |
| YDS-15 | Canister | TT15-50 | Ф 38,120mm s |
| | Cork (50) | GS-50-210 | Suitable for YD |
| | Lockable cap | SG-50 | Suitable for co |
| | Liquid Nitrogen container | YDS-20-LYS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-20-YS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-20 | Includes PU ba |
| YDS-20 | Canister | TT30-50 | Φ38,120mm s |
| | Canister | TTS30-50 | Ф 38,276mm с |
| | Cork (50) | GS-50-210 | Suitable for YD |
| | Lockable cap | SG-50 | Suitable for co |
| | Liquid Nitrogen container | YDS-30-LYS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-30-YS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-30 | Includes PU ba |
| | Canister | TT30-50 | Ф 38,120mm s |
| YDS-30 | Canister | TTS30-50 | Ф 38,276mm с |
| 100 50 | Roller Base | YSC-465-5W | "Suitable for ta equipped with |
| | SmartCap | LT-50-370-6H540 | Used for monit 6 grooves and |
| | Cork (50) | GS-50-210 | Suitable for YD |
| | Lockable cap | SG-50 | Suitable for co |
| | Liquid Nitrogen container | YDS-30-80-LYS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-30-80-YS | Includes 6 cani |
| | Liquid Nitrogen container | YDS-30-80 | Includes PU ba |
| | Canister | TT30-80 | Φ63,120mm s |
| YDS-30-80 | Canister | TTS30-80 | Φ63,276mm a |
| 103 30 00 | Roller Base | YSC-465-5W | "Suitable for ta equipped with |
| | SmartCap | LT-80-370-6H530 | Used for monit 6 grooves and |
| | Cork (80) | GS-80-210 | Suitable for YD |
| | Lockable cap | SG-80 | Suitable for co |
| | Lockable cap | SG-80 | Suitable for c |

Description and Accessories

nisters (Height 120mm), lockable cap and PU bag

ag only

single tier canister, No goblet, suitable for YDS-15

DS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B

ontainer with 50mm neck opening

nisters (Height 276mm), lockable cap and PU bag

nisters (Height 120mm), lockable cap and PU bag

bag only

single tier canister, No goblet, suitable for YDS-20/YDS-30

double-tier canister, 2 goblets included. Suitable for YDS-20/YDS-30

DS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B

ontainer with 50mm neck opening

nisters (Height 276mm), lockable cap and PU bag,roller base is optional

histers (Height 120mm), lockable cap and PU bag, roller base is optional

ag only, roller base is optional

single tier canister, No goblet, suitable for YDS-20/YDS-30

double-tier canister, 2 goblets included. Suitable for YDS-20/YDS-30

tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, h 5 universal wheels."

nitoring real time level and temperature for containers with 50mm neck opening, d 540mm height. suitable for YDS-20/YDS-30

DS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B

ontainer with 50mm neck opening

nisters (Height 276mm), lockable cap and PU bag,roller base is optional

nisters (Height 120mm), lockable cap and PU bag, roller base is optional

ag only, roller base is optional

single tier canister, No goblet, suitable for YDS-30-80

double-tier canister, 2 goblets included. Suitable for YDS-30-80

tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, h 5 universal wheels."

nitoring real time level and temperature for containers with 80mm neck opening, d 530mm height. suitable for YDS-20-80/YDS-30-80

DS-30-80/YDS-35-80/YDS-35B-80

ontainer with 80mm neck opening

Product List

| Model | Product | Model | Description and Accessories |
|-----------|------------------------------|-----------------|---|
| | Liquid Nitrogen container | YDS-35-LYS | Includes 6 canisters (Height 276mm), lockable cap and PU bag,roller base is optional |
| | Liquid Nitrogen container | YDS-35-YS | Includes 6 canisters (Height 120mm), lockable cap and PU bag, roller base is optional |
| | Liquid Nitrogen container | YDS-35 | Includes PU bag only, roller base is optional |
| | Canister | TT35-50 | Φ 38,120mm single tier canister, No goblet, suitable for YDS-25/YDS-35 |
| YDS-35 | Canister | TTS35-50 | Φ 38,276mm double-tier canister, 2 goblets included. Suitable for YDS-35 |
| | Roller Base | YSC-465-5W | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | SmartCap | LT-50-450-6H580 | Used for monitoring real time level and temperature for containers with 50mm neck opening, 6 grooves and 580mm height. suitable for YDS-25/YDS-35 |
| | Cork (50) | GS-50-210 | Suitable for YDS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening |
| | Liquid Nitrogen container | YDS-35-80-LYS | Includes 6 canisters (Height 276mm), lockable cap and PU bag, roller base is optional |
| | Liquid Nitrogen container | YDS-35-80 | Includes PU bag only, roller base is optional |
| | Canister | TT35-80 | Φ 63,120mm single tier canister, No goblet, suitable for YDS-35-80 |
| | Canister | TTS35-80 | Φ 63,276mm double-tier canister, 2 goblets included. Suitable for YDS-35-80 |
| YDS-35-80 | Roller Base | YSC-465-5W | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | SmartCap | LT-80-400-6H580 | Used for monitoring real time level and temperature for containers with 80mm neck opening, 6 grooves and 580mm height. suitable for YDS-25-80/YDS-35-80 |
| | Cork (80) | GS-80-210 | Suitable for YDS-30-80/YDS-35-80/YDS-35B-80 |
| | Lockable cap | SG-80 | Suitable for container with 80mm neck opening |
| | Liquid Nitrogen container | YDS-20B | Includes PU bag only. |
| | Canister | TT30-50 | Φ 38,120mm single tier canister, No goblet, suitable for YDS-20/YDS-30 |
| YDS-20B | Canister | TTS30-50 | Φ 38,276mm double-tier canister, 2 goblets included. Suitable for YDS-20/YDS-30 |
| | Cork (50) | GS-50-210 | Suitable for YDS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening |
| | Liquid Nitrogen container | YDS-30B | Includes PU bag only, roller base is optional |
| YDS-30B | Canister | TT30-50 | Φ 38,120mm single tier canister, No goblet, suitable for YDS-20/YDS-30 |
| | Canister | TTS30-50 | Φ 38,276mm double-tier canister, 2 goblets included. Suitable for YDS-20/YDS-30 |
| | Roller Base | YSC-465-5W | "Suitable for tanks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, equipped with 5 universal wheels." |
| | Cork (50) | GS-50-210 | Suitable for YDS-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B |
| | Lockable cap | SG-50 | Suitable for container with 50mm neck opening |

Product List

| Model | Product | Model | |
|-------------|------------------------------|-----------------|--------------------------------------|
| | Liquid Nitrogen container | YDS-35B | Includes PU bag |
| | Canister | TT35-50 | Ф 38,120mm sir |
| | Canister | TTS35-50 | Φ38,276mm do |
| YDS-35B | Roller Base | YSC-465-5W | "Suitable for tan equipped with 5 |
| | Cork (50) | GS-50-210 | Suitable for YDS |
| | Lockable cap | SG-50 | Suitable for cont |
| | Liquid Nitrogen container | YDS-35B-80 | Includes PU bag |
| | Canister | TT35-80 | Φ 63,120mm sir |
| | Canister | TTS35-80 | Φ 63,276mm do |
| YDS-35B-80 | Roller Base | YSC-465-5W | "Suitable for tan equipped with 5 |
| | Cork (80) | GS-80-210 | Suitable for YDS |
| | Lockable cap | SG-80 | Suitable for cont |
| | Liquid Nitrogen container | YDS-35B-125 | Includes PU bag |
| | Canister | TT35-125 | Φ97,120mm sir |
| | Canister | TTS35-125 | Φ97,276mm do |
| YDS-35B-125 | Rack | FTT-25-5 | Used for storing for YDS-35-125 |
| | Roller Base | YSC-465-5W | "Suitable for tan equipped with 5 |
| | Cork (125) | GS-125-210 | Suitable for YDS |
| | Lockable cap | SG-125 | Suitable for cont |
| | Liquid Nitrogen container | YDS-50B | Includes PU bag |
| | Canister | TT50-50 | Φ38,120mm sir |
| | Canister | TTS50-50 | Φ 38,276mm do |
| YDS-50B | Roller Base | YSC-465-5W | "Suitable for tan equipped with 5 |
| | SmartCap | LT-50-500-6H640 | Used for monito 6 grooves and 6 |
| | Cork (50) | GS-50-180 | Suitable for YDS |
| | Lockable cap | SG-50 | Suitable for cont |
| | | | |

Description and Accessories

g only, roller base is optional

single tier canister, No goblet, suitable for YDS-25/YDS-35

louble-tier canister, 2 goblets included. Suitable for YDS-35

nks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, 5 universal wheels."

S-15/YDS-20/YDS-30/YDS-35/YDS-20B/YDS-30B/YDS-35B

ntainer with 50mm neck opening

ag only, roller base is optional

single tier canister, No goblet, suitable for YDS-35-80

louble-tier canister, 2 goblets included. Suitable for YDS-35-80

nks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, 5 universal wheels."

S-30-80/YDS-35-80/YDS-35B-80

ntainer with 80mm neck opening

g only

single tier canister, No goblet, suitable for YDS-35-125

louble-tier canister, 2 goblets included. Suitable for YDS-35-125

g 5*5 cryo boxes(2ml), 5 layers in total, with 5*5 cryo boxes included, suitable

anks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, 5 universal wheels."

S-30-125/YDS-35-125/YDS-47-127/YDS-35B-125

ntainer with 125mm and 127mm neck opening

g only, roller base is optional

ingle tier canister, No goblet, suitable for YDS-50

louble-tier canister, 2 goblets included. Suitable for YDS-50

nks with diameter less than Φ 465. Can be used for 30L, 35L and 50L tank, 5 universal wheels."

oring real time level and temperature for containers with 50mm neck opening, 640mm height. suitable for YDS-50

S-3/YDH-3/YDS-6/YDS-10/YDS-13/YDS-25/YDS-50B

ntainer with 50mm neck opening

Haier Biomedical Liquid Nitrogen Storage Solutions

Dryshipper Series for Transportation (Round Canisters)

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, release is avoided, it is suitable for air transportation of samples.

Rugged and Durable

- Vapour Phase Storage
- 3 Years Vacuum Warranty
- Cryo Absorbant

- Secure
- No LN₂ Spillage

Key Features

- Straw and cryovial storage options
- Rugged and durable aluminium construction
- Designed to ensure no LN₂ spillage
- Vapour phase cryogenic storage

Product Advantages

Liquid Nitrogen Adsorption

Adsorbent materials are used to absorb and retain LN₂ for safe transport. No spillover of LN₂ can occur even when the tank is capsized.

and polycarbonate cryogenic boxes. Locking cover is optional.





- Faster LN₂ fill times
- Lockable lids
- 3 years vacuum warranty