

CryoCarrier Series

Dry Shipper for Transportation



CryoCarrier Series is dry shipper dewars for safe transportation of biological products in vapor phase at cryogenic (-150°C or lower) temperatures.

Taking advantage of innovative absorbing material and optimized construction, Antech CryoCarrier Series dry shippers can be recharged within 2 hours, while new/warm tanks still need a sit time of 24 hours.

Features

- Vapor phase storage ensures dry and spill-free shipping
- Light in weight and durable to use
- Applicable for various of sample containers, such as vial, straw, blood bag
- Recharged in 2 hours
- Holdover time 2~15 days to meet different requirements
- Protective trolley case as optional

Based on type of products to be transported, Antech offers 3 lines of dry-shippers:

- CryoCarrier R: for biological products stored with cryogenic vials and boxes;
- CryoCarrier B: for biological products stored with 25ml/50ml/250ml blood bags and cassettes;
- CryoCarrier C: for biological products stored with round canister, such as straws, cryogenic vials.



CryoCarrier R



CryoCarrier B



CryoCarrier C

Protective Trolley Case

- Heavy duty case with aluminum frame, durable to use
- Forming material protection for safety
- Trolley for easy movement
- Case lock preventing unauthorized access



Smart Data Logger

- 200~70°C
- Multi-Use, replaceable battery
- USB 2.0 plug, 28800 readings
- Encrypted PDF report embedded with raw data Bluetooth printer connection (200XB)



200X



200XB

Specification

CryoCarrier R: for biological products stored with cryogenic vials and boxes;



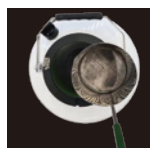
Model	CryoCarrier 6R	CryoCarrier 10R	CryoCarrier 15R	CryoCarrier 25R
Maximum Storage Capacity				
2ml vial	200	100	400	600
25-place box	—	4	—	—
81/100-place box, 2 inch height	2	—	4	6
5ml vial	—	50	81	162
81-place box, 3 inch height	—	—	1	2
Performance				
Container gross capacity, liter	6	10	15	25
LN ₂ absorption, liter	4	4.7	6	9
Static evaporation rate (L/day)	1.33	0.31	0.71	0.69
Vapor working duration (day)	3	15	8.5	13
Dimensions				
Neck Opening (mm)	190	125	216	216
External diameter (mm)	252	300	396	396
Overall height (mm)	519	584	610	755
Weight empty (kg)	7.5	9.2	16.9	21.2
Weight charged, vapor (kg)	11.1	14.1	21.8	31.0
Accessories				
Protection trolley case, optional	DSC-6	DSC-10	DSC-15	DSC-25
Data logger, optional	200X, 200XB			

CryoCarrier B: for biological products stored with 25ml/50ml/250ml/500ml blood bags and cassettes.



Model	CryoCarrier 4B	CryoCarrier 6B	CryoCarrier 25B
Maximum Storage Capacity			
Cassette BBC-A	6	5	16
Cassette BBC-B	6	5	11
Cassette BBC-C	—	5	11
Cassette BBC-D	—	5	11
Performance			
Container gross capacity, liter	6	6	25
LN ₂ absorption, liter	3.5	4	9
Static evaporation rate (L/day)	0.39	1.33	0.69
Vapor working duration (day)	9	3	13
Dimensions			
Neck Opening (mm)	125	190	216
External diameter (mm)	300	252	396
Overall height (mm)	520	519	755
Weight empty (kg)	7.8	7.5	21.2
Weight charged, vapor (kg)	11.1	11.1	31.0
Accessories			
Protection trolley case, optional	DSC-4	DSC-6	DSC-25
Data logger, optional	200X, 200XB		

CryoCarrier C: for biological products stored with round canister, such as straws, cryogenic vials;



Model	CryoCarrier 2C	CryoCarrier 3C	CryoCarrier 4C	CryoCarrier 6C	CryoCarrier 10C	CryoCarrier 25C
Maximum Storage Capacity						
1/4 cc straw	115	451	1422	1065	2046	11584
1/2 cc straw	53	181	664	492	942	5456
2ml vial	3	21	84	66	132	678
Performance						
Container gross capacity, liter	1.5	3	4	6	10	25
LN ₂ absorption, liter	0.9	1.8	2.6	3.4	4.5	5.7
Static evaporation rate (L/day)	0.2	0.23	0.33	0.28	0.3	0.81
Vapor working duration (day)	4.5	8	8	12	15	7
Dimensions						
Neck Opening (mm)	30	50	70	80	80	216
External diameter (mm)	180	224	224	300	300	396
Overall height (mm)	398	441	505	492	584	755
Canisters diameter (mm)	25	47	67	76	76	190
Canister height (mm)	120	200	276	200	276	276
Weight empty (kg)	3.0	3.9	5.6	7.2	7.6	20.8
Weight charged, vapor (kg)	3.7	5.0	7.1	9.2	12.3	26.5
Accessories						
Protection trolley case, optional	—	DSC-4	DSC-4	DSC-6	DSC-10	DSC-25
Data logger, optional	200X, 200XB					

Cryo Carrier

CryoAir 2

CryoAir 2 cryogenic carrier is used to transport small amount of biological samples for a limited period. The construction is compact. It is small in size and light in weight. Samples are stored in a vapor cryogenic environment, therefore, it is safe in usage.



Features

- Temperature display: real-time temperature display for easy monitoring
- Light in weight: empty weight 3kg only
- Compact in size: 156mm external diameter for convenient carry
- Safe in use: vapor phase storage of biological samples, no risk of LN2 spillover
- Long holdover time: holdover time up to 4 hours
- Flexible space: adjustable racking system to load both 2ml vials and 5ml vials
- Stainless steel container: durable to use and easy cleaning



Specification

Model	CryoAir 2
External diameter(mm)	156
Internal diameter(mm)	125
Depth(mm)	190
Height(mm)	262
Empty weight (kg)	3
Volume of LN2(L)	2
Holdover time in vapor phase (hour)	4
2/5 vial capacity	54
Temperature display	Yes