

CryoPlus® and Cryo Series Inventory Control Systems to Maximize Capacity

Racks and Risers

Our complete line of inventory control systems is designed to help organize your biological specimens. Inventory systems are available in either vapor or liquid phase capacities for 2.0ml, 4.0ml, or 5.0ml samples. Vertical racks, which allow you to work conveniently in the vapor or liquid phase, are available in 4 or 5 box configurations, each with 100-cell dividers. All of our racks are shipped complete with boxes, dividers, and locking rods. Risers are available for vapor phase storage.

Choosing the Appropriate Rack

1. Point to the row that contains the **Storage Unit** you are going to use (e.g., CryoPlus 3/Model 7404).
2. Move your finger across the column(s) to the appropriate **Rack Style** (e.g., Square).
3. Note the quantity of racks required for maximum capacity (e.g., System = 17 racks).
4. Point to the desired **Vial Size** (e.g., 4.0ml).
5. Move your finger immediately to the left for **Vapor Phase Storage** or to the right for **Liquid Phase Storage**.
6. Note the rack description (e.g., 7-3-C/100).
7. Move your finger down the column to the **Description and Part Number** that correlate to the rack.
8. Note the selected rack part number for order placement (e.g., If I'm using 4.0ml vials in the Model 7404 using vapor phase storage, I need 17 racks (No. 4000003) for maximum capacity).

Style	Arrowhead			Square			Vertical	
	System = 6 Racks			System = 4 Racks			System = 11 Racks	
CryoPlus 1/ 7400 (7401)	Vapor		Liquid	Vapor		Liquid	Vapor	Liquid
	10-2-C/81	2.0ml	13-2-C/81	11-2-C/100	2.0ml	13-2-C/100	4-2-C/100	5-2-C/100
Cryo 100/740 (741)	7-3-C/81	4.0ml	8-3-C/81	7-3-C/100	4.0ml	8-3-C/100		
16.0" (40.6cm) Dia.	6-3.75-C/81	5.0ml	7-3.75-C/81	6-3.75-C/100	5.0ml	7-3.75-C/100		
	System = 10 Racks			System = 26 Racks				
CryoPlus 2/ 7402 (7403)				Vapor		Liquid	Vapor	Liquid
				11-2-C/100	2.0ml	13-2-C/100	4-2-C/100	5-2-C/100
Cryo 200/742 (743)				7-3-C/100	4.0ml	8-3-C/100		
24.0" (61.0cm) Dia.				6-3.75-C/100	5.0ml	7-3.75-C/100		
	System = 17 Racks			System = 48 Racks				
CryoPlus 3/ 7404 (7405)				Vapor		Liquid	Vapor	Liquid
				11-2-C/100	2.0ml	13-2-C/100	4-2-C/100	5-2-C/100
Cryo 300/744 (745)				7-3-C/100	4.0ml	8-3-C/100		
31.0" (78.7cm) Dia.				6-3.75-C/100	5.0ml	7-3.75-C/100		
	System = 31 Racks			System = 77 Racks				
CryoPlus 4/ 7406 (7407)				Vapor		Liquid	Vapor	Liquid
				11-2-C/100	2.0ml	13-2-C/100	4-2-C/100	5-2-C/100
Cryo 400/746 (747)				7-3-C/100	4.0ml	8-3-C/100		
39.5" (100.3cm) Dia.				6-3.75-C/100	5.0ml	7-3.75-C/100		
Description* and Part Number	7-3.75-C/81	5.0ml	4000043	6-3.75-C/100	5.0ml	4000005	4-2-C/100	4000011
	8-3-C/81	4.0ml	4000104	7-3-C/100	4.0ml	4000003	5-2-C/100	4000012
	9-2-C/81	2.0ml	4000106	7-3.75-C/100	5.0ml	4000010		
	10-2-C/81	2.0ml	4000108	8-3-C/100	4.0ml	4000008		
	11-2-C/81	2.0ml	4000110	11-2-C/100	2.0ml	4000001		
	12-2-C/81	2.0ml	4000112	12-2-C/100	2.0ml	4000042		
	13-2-C/81	2.0ml	4000044	13-2-C/100	2.0ml	4000006**		

Key to Description:

7-3.75-C/81

number of boxes per rack — box height (inches) — box material*/number of cells per divider

Example would read: 7 boxes per rack—3.75" high—cardboard/81-cell divider

*All boxes listed are cardboard (C). Polycarbonate boxes and stainless steel boxes are available. Stainless steel boxes do not include lids. Call 866-9-THERMO (866-984-3766), or your local account manager or international distributor for details.

**2.0" polycarbonate boxes do not fit in No. 4000006 rack.

Rack with Canisters for Cane Storage

The SUC-1 Square Rack includes eight SUC-1 canisters. The rack is used to hold canes in liquid or vapor phase storage. Each cane can hold 10 straws or 6 vials (2.0ml). See items 11 and 12 on page 22 for a picture of the rack and a canister.

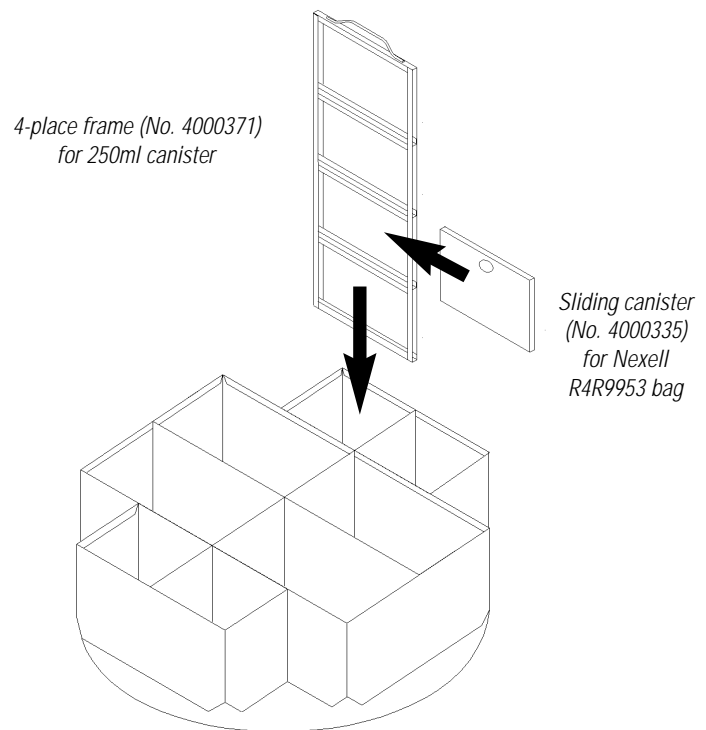
Model	CryoPlus 1/7400 (7401) Cryo 100/740 (741)	CryoPlus 2/7402 (7403) Cryo 200/742 (743)	CryoPlus 3/7404 (7405) Cryo 300/744 (745)	CryoPlus 4/7406 (7407) Cryo 400/746 (747)
Tank Diameter	16.0" (40.6cm)	24.0" (61.0cm)	31.0" (78.7cm)	39.5" (100.3cm)
Capacity				
SUC-1 Rack No.:	4000379	4000379	4000379	4000379
Racks:	4	10	17	31
Canister Capacity	8 canisters/rack (included), may use a 3.5" (8.9cm) riser			
Canes/Canister:	16 canes with sleeves/canister or 25 canes without sleeves/canister			

Canisters/Frames

Choose from our many standard size canister/frame inventory systems when storing blood, blood components, or bone marrow.

These inventory systems are designed to maximize capacity and protect your samples' integrity. Durable stainless steel frames, coupled with lightweight aluminum canisters, protect your samples throughout the inventory retrieval processes associated with cryopreservation storage.

(continued)



Choosing the Appropriate Canister/Frame

1. Point to the row that contains the **Storage Unit** that you are going to use (e.g., CryoPlus 3/Model 7404).
2. Move your finger across the column(s) to the **Bag Type** you are using (e.g., Gambro DF-200).
3. Note the quantity of **Canisters** and **Frames** required for maximum capacity.
4. Move your finger down the column to the **Description and Part Number** information, and note the part number(s) that correlates to the frames, dividers, canisters, etc. that can be used with the tank size.

STYLE	NEXELL R4R9951 (FENWAL 4R9951) 50ML BAG		NEXELL R4R9953 (FENWAL 4R5461) 250ML BAG		NEXELL R4R9955 (FENWAL 4R5462) 500ML BAG		GAMBRO DF-200 200ML BAG		GAMBRO DF-700 700ML BAG	
	Canisters*	Frames	Canisters	Frames	Canisters	Frames	Canisters	Frames	Canisters	Frames
CryoPlus 1/7400 (7401) Cryo 100/740 (741) 16.0" (40.6cm) Dia.	204	34-6 place	112	28-4 place	88	22-4 place	76	19-4 place	40	10-4 place
CryoPlus 2/7402 (7403) Cryo 200/742 (743) 24.0" (61.0cm) Dia.	540	90-6 place	256	64-4 place	200	50-4 place	160	40-4 place	104	26-4 place
CryoPlus 3/7404 (7405) Cryo 300/744 (745) 31.0" (78.7cm) Dia.	924	154-6 place	448	112-4 place	328	82-4 place	272	68-4 place	176	44-4 place
CryoPlus 4/7406 (7407) Cryo 400/746 (747) 39.5" (100.3cm) Dia.	1,536	256-6 place	696	174-4 place	608	152-4 place	464	116-4 place	N/A	N/A
Description and Part Number (OAH = Overall Height)	<u>Swing Arm Canister</u>	4000610	<u>Sliding Canister</u>	4000335	<u>Sliding Canister</u>	4000336	<u>Sliding Canister</u>	4000332	<u>Sliding Canister</u>	4000333
	<u>7 Place Frame</u> , OAH 27.4***	4000670	<u>4 Place Frame</u> , OAH 23.7"	4000371	<u>4 Place Frame</u> , OAH 23.7"	4000372	<u>Swing Arm Canister</u>	4000356	<u>Swing Arm Canister</u>	4000357
	<u>6 Place Frame</u> , OAH 23.5***	4000660					<u>4 Place Frame</u> , OAH 26.4"	4000368	<u>4 Place Frame</u> , OAH 26.4"	4000369
	<u>Platform Dividers</u>		<u>Platform Dividers</u>		<u>Platform Dividers</u>		<u>Platform Dividers</u>		<u>Platform Dividers</u>	
	Tank - 16.0"	4000616	Tank - 24.0"	4000075	Tank - 24.0"	4000076	Tank - 24.0"	4000078	Tank - 24.0"	4000079
Tank - 24.0"	4000624	Tank - 31.0"	4000050	Tank - 31.0"	4000051	Tank - 31.0"	4000047	Tank - 31.0"	4000048	
Tank - 31.0"	4000631	Tank - 39.5"	4000053	Tank - 39.5"	4000054	Tank - 39.5"	4000052			
Tank - 39.5"	4000639									

*Number of canisters is based on a frame with a 4.0" (10.2cm) riser.

**For use with the liquid phase. A riser is not required.

***For use with the vapor phase. 4.0" (10.2cm) risers are available.

Canister Dimensions

Bag Style	Stock No.	Description and Dimensions
NEXELL		
R4R9951 (Fenwal 4R9951)	4000610	Swing Arm Canister, 3.7"H x 6.3"W x 0.5"F-B (9.4cm x 16.0cm x 1.3cm)
R4R9953 (Fenwal 4R5461)	4000335	Sliding Canister, 5.5"H x 7.6"W x 0.4"F-B (14.0cm x 19.3cm x 1.0cm)
R4R9955 (Fenwal 4R5462)	4000336	Sliding Canister, 5.6"H x 9.2"W x 0.4"F-B (14.2cm x 23.4cm x 1.0cm)
GAMBRO		
DF-200	4000332	Sliding Canister, 6.4"H x 7.8"W x 0.8"F-B (16.3cm x 19.1cm x 2.0cm)
DF-200	4000356	Swing Arm Canister, 6.4"H x 7.8"W x 0.8"F-B (16.3cm x 19.1cm x 2.0cm)
DF-700	4000333	Sliding Canister, 6.5"H x 11.8"W x 0.8"F-B (16.5cm x 30.0cm x 2.0cm)
DF-700	4000357	Swing Arm Canister, 6.5"H x 12.1"W x 0.8"F-B (16.5cm x 30.7cm x 2.0cm)

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Controlled Environment Equipment
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