








# Specifications and ordering information







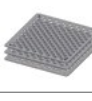


## CryoMed Controlled-Rate Freezers

Electrical	Plug type	Chamber volume	Printer/ no printer	Temp. Range	Exterior dimensions WxHxD (in./cm)	Interior dimensions WxHxD (in./cm)	Product weight (lbs/kg)	LN <sub>2</sub> and utility	Cat. No.
120 V/60 Hz	NEMA 5-15P	17 L (0.6 cu. ft.)	No thermal printer	+50°C to -180°C	37.3 x 21.7 x 24.3 (94.7 x 55.1 x 61)	7 x 12 x 13 (17.8 x 30.5 x 33)	154 lbs. (69.8 kg)	All models require 22 psi (1.5 bar) low pressure supply tank and are supplied with one 6-foot braided stainless steel hose with .5" x 45 degree flare connectors on each end	TSCM17XA
220-230 V 50/60 Hz	CEE 7/7								TSCM17XV
100 V 50/60 Hz	NEMA 5-15P								TSCM17XL
120 V/60 Hz	NEMA 5-15P	34 L (1.2 cu. ft.)			TSCM34XA				
220-230 V 50/60 Hz	CEE 7/7				TSCM34XV				
100 V 50/60 Hz	NEMA 5-15P				TSCM34XL				
120 V/60 Hz	NEMA 5-15P	48.1 L (1.7 cu. ft.)			TSCM48XA				
220-230 V 50/60 Hz	CEE 7/7				TSCM48XV				
100 V 50/60 Hz	NEMA 5-15P				TSCM48XL				
120 V/60 Hz	NEMA 5-15P	17 L (0.6 cu. ft.)	Built-in thermal printer	+50°C to -180°C	37.3 x 21.7 x 24.3 (94.7 x 55.1 x 61)	7 x 12 x 13 (17.8 x 30.5 x 33)	155 lbs. (70.3 kg)	TSCM17PA	
220-230 V 50/60 Hz	CEE 7/7							TSCM17PV	
100 V 50/60 Hz	NEMA 5-15P							TSCM17PL	
120 V/60 Hz	NEMA 5-15P	34 L (1.2 cu. ft.)			TSCM34PA				
220-230 V 50/60 Hz	CEE 7/7				TSCM34PV				
100 V 50/60 Hz	NEMA 5-15P				TSCM34PL				
120 V/60 Hz	NEMA 5-15P	48.1 L (1.7 cu. ft.)			TSCM48PA				
220-230 V 50/60 Hz	CEE 7/7				TSCM48PV				
100 V 50/60 Hz	NEMA 5-15P				TSCM48PL				

## CryoMed Freezing Presses

Image	Description	Dimensions WxD (in./cm)	Storage	CryoMed 0.6 cu. ft.	CryoMed 1.2 cu. ft.	CryoMed 1.7 cu. ft.	Cat. No.
	Bag press for 250 mL bag (Fenwal™ 4R5461 or OriGen CryoSure™ 250)	5.9 x 9 (15 x 22.9)	Presses per chamber	4	8	12	4000314
			Bags per press	2	2	2	
			Total # - bags per chamber	8	16	24	
	Bag press for 200 mL bag (Gambro™ DF-200 or CryoMacs™ 50 and 250)	8 x 8.5 (20.3 x 21.6)	Presses per chamber	N/A	4	8	4000316
			Bags per press	N/A	2	2	
			Total # - bags per chamber	N/A	8	16	
	Bag press for Delmed™ 2030-2	8.8 x 12 (22.4 x 30.5)	Presses per chamber	N/A	4	8	4000317
			Bags per press	N/A	4	4	
			Total # - bags per chamber	N/A	16	32	
	Bag press for 250 mL bag (Fenwal 4R5461 or OriGen CryoSure 250)	9 x 12 (22.9 x 30.5)	Presses per chamber	N/A	4	8	4000318
			Bags per press	N/A	4	4	
			Total # - bags per chamber	N/A	16	32	
	Bag press for 200 mL bag (Gambro DF-200 or equivalent)	9 x 12 (22.9 x 30.5)	Presses per chamber	N/A	4	8	4000320
			Bags per press	N/A	4	4	
			Total # - bags per chamber	N/A	16	32	
	Bag press for 700 mL bag (Gambro DF-700 or equivalent)	8 x 12 (20.3 x 30.5)	Presses per chamber	N/A	4	8	4000321
			Bags per press	N/A	2	2	
			Total # - bags per chamber	N/A	8	16	
	Bag press for 500 mL bag (Fenwal 4R5462 or CryoMacs 500 and 750 and OriGen CryoSure 500)	6 x 10.3 (15.2 x 26.2)	Presses per chamber	4	6	12	4000555
			Bags per press	2	2	2	
			Total # - bags per chamber	8	12	24	

**CryoMed Freezing Racks and Rack Holders**

Image	Description	Dimensions HxWxD (in./cm)	Storage	CryoMed 17 L	CryoMed 34 L	CryoMed 48 L	Cat. No.
	Straw rack for .25/.5mL straws - holds 40 straws	11.3 x 3 x 5.25 (28.7 x 7.6 x 13.3)	Racks per chamber	4	8	12	4000294
			Straws per rack	40	40	40	
			Total # straws per chamber	160	320	480	
	Cane freezing rack - large	11 x 12 x 12 (28 x 30.5 x 30.5)	Racks per chamber	N/A	1	1 lrg & 1 sm	4000303
			Canes per rack	N/A	162	162 & 77	
			Vials (2 mL) per cane	N/A	5	5	
			Total # vials per chamber	N/A	810	1,195	
	Cane freezing rack - small	11 x 6 x 12 (28 x 15.2 x 30.5)	Racks per chamber	1	N/A	1 lrg & 1 sm	4000700
			Canes per rack	77	N/A	162 & 77	
			Vials (2 mL) per cane	5	N/A	5	
			Total # vials per chamber	385	N/A	1195	
	1.2/2 mL freezing rack - small (order qty 5 each when ordering with 4000702 rack holder)	1.1 x 6 x 12 (2.8 x 15.2 x 30.5)	Racks per chamber	5	N/A	5 lrg & 5 sm	4000701
			Vials per rack	76	N/A	161 & 76	
			Total # vials per chamber	380	N/A	1,185	
	Small rack holder for 4000701 racks	9.8 x 6.2 x 12.4 (24.9 x 15.7 x 31.5)	Rack holders per chamber	1	N/A	1 lrg & 1 sm	4000702
			Racks per rack holder	5	N/A	5 & 5	
			Total # racks per chamber	5	N/A	10	
	1.2/2 mL freezing rack - large (order qty 5 each when ordering with 4000704 rack holder)	1.1 x 12 x 12 (2.8 x 30.5 x 30.5)	Racks per chamber	N/A	5	5 lrg & 5 sm	4000703
			Vials per rack	N/A	161	161 & 76	
			Total # vials per chamber	N/A	805	1,185	
	Large rack holder for 4000703 racks	9.8 x 12.2 x 12.4 (24.9 x 31 x 31.5)	Rack holders per chamber	N/A	1	1 lrg & 1 sm	4000704
			Racks per rack holder	N/A	5	5 & 5	
			Total # racks per chamber	N/A	5	10	
	4 or 5 mL freezing rack- small (order qty 3 each when ordering with 4000706 rack holder)	2.6 x 6 x 12 (6.6 x 15.2 x 30.5)	Racks per chamber	3	N/A	3 lrg & 1 sm	4000705
			Vials per rack	76	N/A	161 & 76	
			Total # vials per chamber	228	N/A	711	
	Small rackholder for 4000705 racks	8.1 x 6.2 x 12.4 (20.6 x 15.7 x 31.5)	Rack holders per chamber	1	N/A	1 lrg & 1 sm	4000706
			Racks per rack holder	3	N/A	3 & 3	
			Total # racks per chamber	3	N/A	6	
	4 or 5 mL freezing rack - large (order qty 3 each when ordering with 4000708 rack holder)	8.1 x 12.2 x 12.4 (20.6 x 31 x 31.5)	Racks per chamber	N/A	3	3 lrg & 3 sm	4000707
			Vials per rack	N/A	161	161 & 76	
			Total # vials per chamber	N/A	483	711	
	Large rack holder for 4000707 racks	8.1 x 12.2 x 12.4 (20.6 x 31 x 31.5)	Rack holders per chamber	N/A	1	1 lrg & 1 sm	4000708
			Racks per rack holder	N/A	3	3 & 3	
			Total # racks per chamber	N/A	3	6	
	Two level skin rack (holds skin packets measuring 5 x 7 in.)	10.5 x 6.2 x 12.6 (26.7 x 15.7 x 32)	Rack holders per chamber	1	2	3	4000310
			Skin packets per rack	48	48	48	
			Total # skin packets per chamber	48	96	144	
	One level skin rack (holds skin packets measuring 5 x 7 in.)	5.2 x 6.2 x 12.6 (13.2 x 15.7 x 32)	Rack holders per chamber	2	4	6	4000312
			Skin packets per rack	24	24	24	
			Total # skin packets per chamber	48	96	96	
	Cord blood freezing rack for 50mL cannisters (4000610)	11 x 4 x 5 (28 x 10.2 x 12.7)	Rack holders per chamber	3	6	9	4000340
			Canisters per rack	10	10	10	
			Total # canisters per chamber	30	60	90	
	Adjustable freezing rack for canisters	11.6 x 5.5 to 7.5 x 8.2 (29.5 x 14 to 19 x 20.8)	Rack holders per chamber	N/A	2	2	185089
			Canisters per rack	N/A	10	10	
			Total # canisters per chamber	N/A	20	20	

## CryoMed Sample Sensors

Description	Cat. No.		
	CryoMed 0.6 cu. ft.	CryoMed 1.2 cu. ft.	CryoMed 1.7 cu. ft.
Thermocouple sensor for 1.2/2 mL vials		4000385	
Thermocouple sensor for 4/5 mL vials		4000386	
Thermocouple sensor ribbon type for bags		4000393	
Thermocouple sensor .02 sheath for straws		4000384	

## CryoMed Canisters for Freezing Racks

Bag Type/Size	Description	Dimensions LxWxD (in./cm)	Cat. No.
Pall MEDSEP™ 25 mL, OriGen CS 25, or equivalent	Swing arm canister for 25 mL bag	3.6 x 3.9 x 0.4 (9.14 x 9.4 x 1)	1950831
Fenwal 4R9951, OriGen CS 50, or equivalent	Swing arm canister for 50 mL bag	3.7 x 6.3 x 0.5 (9.4 x 16 x 1.3)	4000610
Gambro DF-200 or CryoMacs 50 and 250	Swing arm canister for 200 mL bag	6.4 x 7.8 x 0.8 (16.3 x 19.1 x 2)	4000356
Gambro DF-700, OriGen CS 1000, or CryoMacs 750 and 1000	Swing arm canister for 700 mL bag	6.5 x 12.1 x 0.8 (16.5 x 30.7 x 2)	4000357
Fenwal 4R5461, OriGen CS 25, CryoMacs 50 and 250	Sliding canister for 250 mL bag	5.5 x 7.6 x 0.4 (14 x 19.3 x 1)	4000335
Fenwal 4R5462, OriGen CS 500, or equivalent	Sliding canister for 500 mL bag	5.6 x 9.2 x 0.4 (14.2 x 23.4 x 1)	4000336
Gambro DF-200 or equivalent	Sliding canister for 200 mL bag	6.4 x 7.8 x 0.8 (16.3 x 19.1 x 2)	4000332
Gambro DF-700, OriGen CS 1000, or CryoMacs 750 and 1000	Sliding canister for 700 mL bag	6.5 x 11.8 x 0.8 (16.5 x 30 x 2)	4000333

## CryoMed Printer Paper

Description	Cat. No.
Thermal printer paper (5 rolls per pack)	4000566

## CryoMed Documents

Description	Cat. No.
Certification of Compliance (Unit Specific)	260049
Temperature Mapping	260045
Certificate of Conformance	260043

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