

thermo scientific



# Thermo Scientific TDE Series -40°C Ultra-Low Temperature Freezers

**ThermoFisher**  
SCIENTIFIC

# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

- **H-drive hydrocarbon refrigeration system** provides sustainable performance with reliability you can count on
- **Low peak variation** helps ensure sample temperature protection throughout entire cabinet
- **Fast door opening recovery** in as little as 18 minutes
- **Long warm-up time** from -40°C to -20°C in up to 6 hours
- **Three capacities:** 400, 500 and 600 2-inch boxes
- **Decrease storage footprint** up to 25%
- **5-year** standard warranty



## Designed to keep your samples safe

- Worry-free storage; with low peak variation, samples are protected throughout the entire cabinet.<sup>1</sup>
- Secure freezer settings with sample security
- Backed by our Global Service and Support Team

## Limit environmental impact and lower HVAC costs

- Uses as low as 4.4 kWh/day, depending on size
- Less heat emission lowers HVAC costs
- SNAP compliant, natural hydrocarbon refrigerants
- Environmentally-friendly, water-blown foam insulation is compliant with SNAP
- Manufactured in an award-winning, zero-waste-to-landfill facility

## User-friendly and quiet

- New HIC touch screen user interface
- Quiet enough to reside directly in the laboratory; at just 48 dBA, the sound is comparable to a home refrigerator.<sup>2</sup>

1. Typical freezer data based on internal testing with freezer setpoint at -40°C and ambient temperature at 20°C. Performance data varies across freezer size and electrical specifications.

2. All data based on internal data unless otherwise noted. Data on file.

# Dependable storage with operational savings and sustainability

## User-friendly HIC interface and cabinet

- Easy to use: plug in and go; no setup required
- H-drive Information Center (HIC) combines easy-to-read temperature with simple capacitive touch buttons
- Advanced security features: alarm settings, setpoint security passcode, and padlock-compatible doors
- Ergonomic design: single-hand door operation, eye-level display, and shelf-level placement that do not require floor-level loading of racks
- Four inner doors minimize ambient temperature during sample retrieval



## Specifications & Ordering Information



### Upright Freezers (-10°C to -40°C)

General Purpose Model	Capacity		Electrical	Amps / Breaker (Plug type)	Max Shelf Weight lbs. (kg)	Interior Dimensions H x W x D in. (cm)	Exterior Dimensions H x W* x D in. (cm)	Shipping Weight lbs. (kg)
	cu. ft. (L)	Cryoboxes (2 in.)						
TDE40040FA	19.4	400	115V/60Hz	7.2/20 (NEMA 5-20)	165	51.2 x 23.1 x 28.3	78.0 x 28.3 x 38.5	642
TDE40040FD	(549)		208-230V/60Hz	3.4/15 (NEMA 6-15)	(75)	(130.1 x 58.8 x 71.9)	(198.1 x 71.9 x 97.7)	(292)
TDE50040FA	24.1	500	115V/60Hz	7.5/20 (NEMA 5-20)	205	51.2 x 28.8 x 28.3	78.0 x 34.0 x 38.5**	668
TDE50040FD	(682)		208-230V/60Hz	4.0/15 (NEMA 6-15)	(93)	(130.1 x 73.0 x 71.9)	(198.1 x 86.4 x 97.7)	(304)
TDE60040FA	28.8	600	115V/60Hz	7.5/20 (NEMA 5-20)	245	51.2 x 34.4 x 28.3	78.0 x 39.6 x 38.5**	765
TDE60040FD	(816)		208-230V/60Hz	4.0/15 (NEMA 6-15)	(111)	(130.1 x 87.3 x 71.9)	(198.1 x 100.6 x 97.7)	(348)

\*Allowance for handle and hinge, add 4.2 in (10.7 cm) to cabinet width

\*\*Doorway width clearance is 34.5 in (87.6 cm) for TDE50040 and TDE60040



### Performance Data

General Purpose Model	Energy Consumption* (kW-hr/day)	Peak Variation from -40°C Setpoint (°C)**	1-min Door Opening Recovery to -38.5°C (min)***	Warm-Up Time (-40°C to -20°C) (min)****	Sound (dBA)
TDE40040FA	5.2	+2.6 / -2.2	20	300	49
TDE40040FD	4.4	+3.4 / -1.5	18	314	52
TDE50040FA	5.3	+3.0 / -2.4	24	350	51
TDE50040FD	5.1	+2.2 / -2.2	25	318	48
TDE60040FA	6.0	+1.4 / -2.4	23	384	49
TDE60040FD	5.9	+1.5 / -1.9	25	362	49

\*Energy Consumption: Typical data - internal testing with freezer setpoint at -40°C and 20°C ambient temperature

\*\*Peak Variation from Setpoint: Typical data - internal testing with freezer setpoint at -40°C and 20°C ambient temperature

\*\*\*Door opening recovery: Typical data - internal recovery testing is to -38.5°C. During the door opening all inner and outer doors are opened for 60 seconds.

\*\*\*\*Warm Up Time: Typical data - internal testing with empty freezer setpoint at -40°C and ambient temperature at 20°

For specific model performance data, please refer to the individual technical specification sheet for the desired model.

# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

## Options (Field installations must be performed by a qualified professional)

Description	Installation	For Model Series		
		TDE40040	TDE50040	TDE60040
<b>LN<sub>2</sub> Backup System</b> Maintains temperature down to -80°C with liquid nitrogen.	Factory	LN4567	LN4567	LN4567
	Field	FLN456LEA* FLN456LED**	FLN456LEA* FLN456LED**	FLN456LEA* FLN456LED**
<b>CO<sub>2</sub> Backup System</b> Maintains temperature down to -67°C with CO <sub>2</sub> .	Factory	CO4567	CO4567	CO4567
	Field	FCO456LEA* FCO456LED**	FCO456LEA* FCO456LED**	FCO456LEA* FCO456LED**
<b>Chart Recorder (Inkless)</b> Seven-day inkless recorder Range: -115° to +50°C (+5°C resolution) Dia.: 6 in. (15.2cm)	Factory	N/A	CR4567	CR4567
	Field	N/A	FCR500LE	FCR600LE
<b>Chart Recorder (Ink)</b> Seven-day ink recorder Range: -100° to +38°C (+2°C resolution) Dia.: 6 in. (15.2cm) <i>Models for TDE40040 are stand alone.</i>	Factory	N/A	CRP4567	CRP4567
	Field	6383-6A* 6383-6D**	FCRP500LE	FCRP600LE
<b>Stainless Steel Freezer Interior</b>	Factory	SS34567	SS34567	SS34567
<b>Twist Lock Plug</b> NEMA L5-20P for 115V/60Hz	Factory	US125V20ATL	US125V20ATL	US125V20ATL
	Field	TL125V20A	TL125V20A	TL125V20A
<b>Twist Lock Plug</b> NEMA L6-15P for 208-230V/60Hz	Factory	US230V15ATL	US230V15ATL	US230V15ATL
	Field	TL230V15A	TL230V15A	TL230V15A
<b>Twist Lock Plug</b> NEMA L6-20P for 208-230V/60Hz	Factory	US230V20ATL	US230V20ATL	US230V20ATL
	Field	TL230V20A	TL230V20A	TL230V20A

\*A = 115V/60Hz (NEMA 5-20 plug)

\*\*D = 208-230V/60Hz (NEMA 6-15 plug)

## Accessories

Description	For Model Series		
	TDE40040	TDE50040	TDE60040
<b>Air Filter (Replacement)</b>	AF34567LE	AF34567LE	AF34567LE
<b>Alarm Delay Module</b> Eliminates nuisance alarms due to intermittent or transitory conditions. (The alarm conditions must exist for a user-defined period before the signal is broadcast.)	6903	6903	6903
<b>Battery Backup (Replacement)</b>	400159	400159	400159
<b>Chart Paper, for Inkless Recorder, 50/Pack</b>	N/A	6185	6185
<b>Chart Paper, for Ink Recorder, 50/Pack</b>	17020	17020	17020
<b>Cryo Gloves, Medium</b>	4425	4425	4425
<b>Cryo Gloves, Large</b>	4426	4426	4426
<b>Seismic Restraint Kits</b>	TF-ULT400	TF-ULT500	TF-ULT600
<b>Shelf Kits: Include One Shelf and Clips</b>	SK400	SK500	SK600

# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

-40°C Freezer Packages with Factory-Installed Options

## Thermo Scientific TDE Ultra-Low Freezer with Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
TDE40040FARK	19.4 (549)	400	115V	8	200
TDE40040FDRK	19.4 (549)	400	208-230V	8	200
TDE50040FARK	24.1 (682)	500	115V	10	250
TDE50040FDRK	24.1 (682)	500	208-230V	10	250
TDE60040FARK	28.8 (816)	600	115V	12	300
TDE60040FDRK	28.8 (816)	600	208-230V	12	300

\*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)

## Thermo Scientific TDE Ultra-Low Freezer with LN<sub>2</sub> Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
TDE40040FARLN	19.4 (549)	400	115V	8	200
TDE40040FDRLN	19.4 (549)	400	208-230V	8	200
TDE50040FARLN	24.1 (682)	500	115V	10	250
TDE50040FDRLN	24.1 (682)	500	208-230V	10	250
TDE60040FARLN	28.8 (816)	600	115V	12	300
TDE60040FDRLN	28.8 (816)	600	208-230V	12	300

\*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)

## Thermo Scientific TDE Ultra-Low Freezer with CO<sub>2</sub> Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
TDE40040FARCO	19.4 (549)	400	115V	8	200
TDE40040FDRCO	19.4 (549)	400	208-230V	8	200
TDE50040FARCO	24.1 (682)	500	115V	10	250
TDE50040FDRCO	24.1 (682)	500	208-230V	10	250
TDE60040FARCO	28.8 (816)	600	115V	12	300
TDE60040FDRCO	28.8 (816)	600	208-230V	12	300

\*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)



# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

## -40°C Freezer Packages with Factory-Installed Options



### Thermo Scientific TDE Ultra-Low Freezer with Chart Recorder, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
TDE50040FARCR	24.1 (682)	500	115V	10	250
TDE50040FDRCR	24.1 (682)	500	208-230V	10	250
TDE60040FARCR	28.8 (816)	600	115V	12	300
TDE60040FDRCR	28.8 (816)	600	208-230V	12	300



## Racks for Boxes and Microplates

\*For cryoboxes that measure 5 x 5 x 2 in. (W x D x H)

### Racks for 2 in. (5 cm) Boxes

Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series		
				TDE40040	TDE50040	TDE60040
 920090	Sliding Drawer Rack	11.9 x 5.5 x 26.9 (30.2 x 14 x 68.3)	Boxes/Rack	25	25	25
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Boxes/Freezer	400	500	600
 1950520	Adjustable Side Access Rack	11.6 x 5.4 x 26.75 (29.5 x 13.7 x 67.9)	Boxes/Rack	25	25	25
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Boxes/Freezer	400	500	600

### Racks for 3 in. (7.62 cm) Boxes




Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series		
				TDE40040	TDE50040	TDE60040
 920091	Sliding Drawer Rack	11.9 x 5.5 x 26.9 (30.2 x 14 x 68.3)	Boxes/Rack	15	15	15
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Boxes/Freezer	240	300	360
 1950521	Adjustable Side Access Rack for 3 in. boxes	11.6 x 5.4 x 26.75 (29.5 x 13.7 x 67.9)	Boxes/Rack	15	15	15
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Boxes/Freezer	240	300	360

### Racking Shelf Kits

Description	Storage Capacities	For Model Series		
		TDE40040	TDE50040	TDE60040
	Catalog No.	RSK400SD4	RSK500SD4	RSK600SD4
Sliding Drawer Racks with Boxes for One Shelf (5 x 5 x 2 in. Boxes with 100-Count Cell Dividers)	Racks Included	4	5	6
	Boxes Included	100	125	150

# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

## Racks for Standard or Deepwell Microplates

Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series		
				TDE40040	TDE50040	TDE60040
 1950592	Side Access Rack with Locking Rod	11.9 x 5.5 x 25.7 (30.2 x 14 x 65.3)	Plates/Rack	147	147	147
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Plates/Freezer	2,352	2,940	3,528
 1950523	Side Access Microplate Rack	11.9 x 5.5 x 25.7 (30.2 x 14 x 65.3)	Plates/Rack	105	105	105
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Plates/Freezer	1,680	2,100	2,520
 1950642	Sliding Drawer Microplate Rack	11.9 x 5.5 x 26.9 (30.2 x 14 x 68.3)	Plates/Rack	35	35	35
			Racks/Shelf	4	5	6
			Racks/Freezer	16	20	24
			Plates/Freezer	560	700	840

## Boxes and Dividers

Catalog No.	Description	# of Dividers	Quantity	Color
5026-0909	Thermo Scientific™ Nalgene™ polycarbonate 2 in. (5.08cm) box for 1.2 to 2mL vials	81	24/Case	White
5954	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	White
820002	2 in. (5.08 cm) Fiberboard Box	81	1	White
820109	2 in. (5.08 cm) Fiberboard Box	100	1	White
5956	3 in. (7.62 cm) Fiberboard Box	0	12/Pack	White
820003	3 in. (7.62 cm) Fiberboard Box	81	1	White
1950878	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Multiple
1950879	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Pink
1950880	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Red
1950881	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Yellow
1950882	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Green
1950883	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Blue
1950884	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Black

## Fiberboard Dividers

Catalog No.	Description	Quantity/Pack
5958	Grid Dividers, Hold 100 x 12 mm Tubes/Vials	12
6212	Grid Dividers, Hold 81 x 13 mm Tubes/Vials	12
5960	Grid Dividers, Hold 64 x 14 mm Tubes/Vials	12
5959	Grid Dividers, Hold 49 x 16 mm Tubes/Vials	12



# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

Catalog No.	Description	Quantity
377267	Thermo Scientific™ Nunc™ 1.8mL Screw-Top Round-Bottom Vials with Internal Threading	1,800/Case

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	TDE40040	TDE50040	TDE60040
<b>200 µL Capacity Tubes</b>					
3747, 3748, 4988	Matrix 200 µL 2D Internally Threaded Universal Tubes Box Dimensions: 3.365 x 5.03 x 1.082 in. (8.5 x 12.8 x 2.75 cm)	<b>Rack Model No.</b>	<b>1950787</b>	<b>1950787</b>	<b>1950787</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
		Tubes/Box	96	96	96
		Boxes/Rack	56	56	56
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	86,016	107,520	129,024
<b>500 µL Capacity Tubes</b>					
3734, 3735, 4898	Matrix 500 µL 2D Open Top Tubes Box Dimensions: 3.365 x 5.03 x 1.022 in. (8.5 x 12.8 x 2.6 cm)	<b>Rack Model No.</b>	<b>1950787</b>	<b>1950787</b>	<b>1950787</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
3736, 3737, 4899	Matrix 200 µL 2D Internally Threaded Universal Tubes with Installed DuraSeal™ Seal Box Dimensions: 3.365 x 5.03 x 1.082 in. (8.5 x 12.8 x 2.75 cm)	Tubes/Box	96	96	96
		Boxes/Rack	56	56	56
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	86,016	107,520	129,024
374086, 374087 (including color options)	Nunc Cryobank 500 µL Internally Threaded Tubes Box Dimensions: 3.365 x 5.03 x 1.394 in. (8.5 x 12.8 x 3.5 cm)	<b>Rack Model No.</b>	<b>1950791</b>	<b>1950791</b>	<b>1950791</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
3743, 3744, 3745 (including color options)	Matrix 500 µL 2D Internally Threaded ScrewTop Tubes Box Dimensions: 3.365 x 5.03 x 1.745 in. (8.5 x 12.8 x 4.4 cm)	Tubes/Box	96	96	96
		Boxes/Rack	42	42	42
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	64,512	80,640	96,768



# Thermo Scientific™ TDE Series -40°C Ultra-Low Temperature Freezers

## Sliding Drawer Racks for Matrix and Cryobank Tubes

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	TDE40040	TDE50040	TDE60040
<b>750 µL Capacity Tubes</b>					
3731, 3732, 4896	Matrix 750 µL 2D Open Top Tubes Box Dimensions: 3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm)	<b>Rack Model No.</b>	<b>1950791</b>	<b>1950791</b>	<b>1950791</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
3729, 4896	Matrix 750 µL 2D Tubes with Installed DuraSeal Seal Box Dimensions: 3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm)	Tubes/Box	96	96	96
		Boxes/Rack	42	42	42
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	64,512	80,640	96,768
<b>1 mL Capacity Tubes</b>					
374088, 374089 (including color options)	Nunc Cryobank 1 mL Internally Threaded Tubes Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	<b>Rack Model No.</b>	<b>1950642</b>	<b>1950642</b>	<b>1950642</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
		Tubes/Box	96	96	96
		Boxes/Rack	35	35	35
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	53,760	67,200	80,640
3740, 3741, 3742 (including color options)	Matrix 1 mL 2D Internally Threaded Screw Top Tubes Box Dimensions: 3.365 x 5.03 x 2.3 in. (8.5 x 12.8 x 5.8 cm)	<b>Rack Model No.</b>	<b>1950799</b>	<b>1950799</b>	<b>1950799</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
		Tubes/Box	96	96	96
		Boxes/Rack	28	28	28
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	43,008	53,760	64,512

## Sliding Drawer Racks for Matrix and Cryobank Tubes

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	TDE40040	TDE50040	TDE60040
<b>1.4 mL Capacity Tubes</b>					
3791, 3792, 4890	Matrix 1.4 mL 2D Open Top Tubes Box Dimensions: 3,365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	<b>Rack Model No.</b>	<b>1950642</b>	<b>1950642</b>	<b>1950642</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
3801, 4890	Matrix 1.4 mL 2D Tubes with Installed DuraSeal Seal Box Dimensions: 3,365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Tubes/Box	96	96	96
		Boxes/Rack	35	35	35
3711, 3112, 4890	Thermo Scientific Matrix 1.4 mL Human Readable Open Top Tubes Box Dimensions: 3,365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	53,760	67,200	80,640
<b>1.8 to 2 mL Capacity Tubes</b>					
374500, 374501	Nunc 1.8 mL Externally Threaded Universal Tubes Box Dimensions: 3,365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm)	<b>Rack Model No.</b>	<b>1950642</b>	<b>1950642</b>	<b>1950642</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
374221, 374223	Nunc Cryobank 2 mL Internally Threaded Tubes Box Dimension: 3,365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm)	Tubes/Box	96	96	96
		Boxes/Rack	35	35	35
		Racks/Shelf	4	5	6
		Racks/Freezer	16	20	24
		Tubes/Freezer	53,760	67,200	80,640
<b>5 mL Capacity Tubes</b>					
374220, 374222	Nunc Cryobank 5 mL Internally Threaded Tubes Box Dimensions: 3,365 x 5.03 x 3.78 in. (8.5 x 12.8 x 9.6 cm)	<b>Rack Model No.</b>	<b>1950819</b>	<b>1950819</b>	<b>1950819</b>
		Freezer Rack Dimensions W x H x D	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)	5.5 x 11.9 x 26.96 in. (14 x 30.3 x 68.5 cm)
		Tubes/Box	48	48	48
		Boxes/Rack	21	21	21
		Racks/Shelf	3	4	5
		Racks/Freezer	12	16	20
Tubes/Freezer	12,096	16,128	20,160		

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