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

Medical Device

**ThermoFisher**
SCIENTIFIC

# Thermo Scientific™ Revco™ RDE 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.[1]

- Secure freezer settings with sample security

- FDA Class II Medical Device for the storage of fresh frozen plasma[3]

- 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.[2]

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.
3. FDA Class II Models are listed under product code KSE, regulation number 864.9700. This unit is not intended for use in classified hazardous locations, nor to be used for the storage of flammable inventory.

# 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

- Egonomic design: single-hand door operation, eye-level display, and shelf-level placement that do not require floor-level loading of racks

- Five inner doors minimize ambient temperature during sample retrieval

## Specifications & Ordering Information

Fresh frozen plasma    Clinical applications    Get Connected

### Upright Freezers (-10°C to -40°C)

| FDA Class II 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.) | | | | | | |
| RDE40040LA | 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 |
| RDE40040LD | (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) |
| RDE50040LA | 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 |
| RDE50040LD | (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) |
| RDE60040LA | 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 |
| RDE60040LD | (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 RDE50040 and RDE60040

### Performance Data

| FDA Class II 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) |
|---|---|---|---|---|---|
| RDE40040LA | 5.2 | +2.6 / -2.2 | 20 | 300 | 49 |
| RDE40040LD | 4.4 | +3.4 / -1.5 | 18 | 314 | 52 |
| RDE50040LA | 5.3 | +3.0 / -2.4 | 24 | 350 | 51 |
| RDE50040LD | 5.1 | +2.2 / -2.2 | 25 | 318 | 48 |
| RDE60040LA | 6.0 | +1.4 / -2.4 | 23 | 384 | 49 |
| RDE60040LD | 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™ Revco™ RDE Series -40°C Ultra-Low Temperature Freezers

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

| Description | Installation | For Model Series | | |
|---|---|---|---|---|
| | | **RDE40040** | **RDE50040** | **RDE60040** |
| **LN$_2$ Backup System** Maintains temperature down to -80°C with liquid nitrogen. | Factory | LN4567 | LN4567 | LN4567 |
| | Field | FLN456LEA* FLN456LED** | FLN456LEA* FLN456LED** | FLN456LEA* FLN456LED** |
| **CO$_2$ Backup System** Maintains temperature down to -67°C with CO$_2$. | Factory | CO4567 | CO4567 | CO4567 |
| | Field | FCO456LEA* FCO456LED** | FCO456LEA* FCO456LED** | FCO456LEA* FCO456LED** |
| **Chart Recorder (Inkless)** 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 |
| **Chart Recorder (Ink)** Seven-day ink recorder Range: -100° to +38°C (+2°C resolution) Dia.: 6 in. (15.2cm) *Models for RDE40040 are stand alone.* | Factory | N/A | CRP4567 | CRP4567 |
| | Field | 6383-6A* 6383-6D** | FCRP500LE | FCRP600LE |
| **Stainless Steel Freezer Interior** | Factory | SS34567 | SS34567 | SS34567 |
| **Twist Lock Plug** NEMA L5-20P for 115V/60Hz | Factory | US125V20ATL | US125V20ATL | US125V20ATL |
| | Field | TL125V20A | TL125V20A | TL125V20A |
| **Twist Lock Plug** NEMA L6-15P for 208-230V/60Hz | Factory | US230V15ATL | US230V15ATL | US230V15ATL |
| | Field | TL230V15A | TL230V15A | TL230V15A |
| **Twist Lock Plug** 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 | | |
|---|---|---|---|
| | **RDE40040** | **RDE50040** | **RDE60040** |
| **Air Filter (Replacement)** | AF34567LE | AF34567LE | AF34567LE |
| **Alarm Delay Module** 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 |
| **Battery Backup (Replacement)** | 400159 | 400159 | 400159 |
| **Chart Paper, for Inkless Recorder, 50/Pack** | N/A | 6185 | 6185 |
| **Chart Paper, for Ink Recorder, 50/Pack** | 17020 | 17020 | 17020 |
| **Cryo Gloves, Medium** | 4425 | 4425 | 4425 |
| **Cryo Gloves, Large** | 4426 | 4426 | 4426 |
| **Seismic Restraint Kits** | TF-ULT400 | TF-ULT500 | TF-ULT600 |
| **Shelf Kits: Include One Shelf and Clips** | SK400 | SK500 | SK600 |

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

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

### Revco RDE 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* | | | |
| RDE40040LARK | 19.4 (549) | 400 | 115V | 8 | 160 |
| RDE40040LDRK | 19.4 (549) | 400 | 208-230V | 8 | 160 |
| RDE50040LARK | 24.1 (682) | 500 | 115V | 10 | 200 |
| RDE50040LDRK | 24.1 (682) | 500 | 208-230V | 10 | 200 |
| RDE60040LARK | 28.8 (816) | 600 | 115V | 12 | 240 |
| RDE60040LDRK | 28.8 (816) | 600 | 208-230V | 12 | 240 |

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

### Revco RDE Ultra-Low Freezer with $LN_2$ Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

| Model | Capacity | | Electrical, 60Hz | # of Racks Included | Cryoboxes* Included |
|---|---|---|---|---|---|
| | cu. ft. (L) | Cryoboxes* | | | |
| RDE40040LARLN | 19.4 (549) | 400 | 115V | 8 | 160 |
| RDE40040LDRLN | 19.4 (549) | 400 | 208-230V | 8 | 160 |
| RDE50040LARLN | 24.1 (682) | 500 | 115V | 10 | 200 |
| RDE50040LDRLN | 24.1 (682) | 500 | 208-230V | 10 | 200 |
| RDE60040LARLN | 28.8 (816) | 600 | 115V | 12 | 240 |
| RDE60040LDRLN | 28.8 (816) | 600 | 208-230V | 12 | 240 |

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

### Revco RDE Ultra-Low Freezer with $CO_2$ Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

| Model | Capacity | | Electrical, 60Hz | # of Racks Included | Cryoboxes* Included |
|---|---|---|---|---|---|
| | cu. ft. (L) | Cryoboxes* | | | |
| RDE40040LARCO | 19.4 (549) | 400 | 115V | 8 | 160 |
| RDE40040LDRCO | 19.4 (549) | 400 | 208-230V | 8 | 160 |
| RDE50040LARCO | 24.1 (682) | 500 | 115V | 10 | 200 |
| RDE50040LDRCO | 24.1 (682) | 500 | 208-230V | 10 | 200 |
| RDE60040LARCO | 28.8 (816) | 600 | 115V | 12 | 240 |
| RDE60040LDRCO | 28.8 (816) | 600 | 208-230V | 12 | 240 |

*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™ Revco™ RDE Series -40°C Ultra-Low Temperature Freezers

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

**Revco RDE 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* | | | |
| RDE50040LARCR | 24.1 (682) | 500 | 115V | 10 | 200 |
| RDE50040LDRCR | 24.1 (682) | 500 | 208-230V | 10 | 200 |
| RDE60040LARCR | 28.8 (816) | 600 | 115V | 12 | 240 |
| RDE60040LDRCR | 28.8 (816) | 600 | 208-230V | 12 | 240 |

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

## Racks for Boxes and Microplates

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

| Catalog No. | Description | Dimensions H x W x D in. (cm) | Storage Capacities | For Model Series | | |
|---|---|---|---|---|---|---|
| | | | | RDE40040 | RDE50040 | RDE60040 |
| 398329 | Sliding Drawer Rack | 9.5 x 5.5 x 26.9 (24 x 14 x 68.3) | Boxes/Rack | 20 | 20 | 20 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Boxes/Freezer | 400 | 500 | 600 |
| 1950518 | Adjustable Side Access Rack | 9.4 x 5.4 x 26.75 (23.9 x 13.7 x 67.9) | Boxes/Rack | 20 | 20 | 20 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Boxes/Freezer | 400 | 500 | 600 |

### Racks for 3 in. (7.62 cm) Boxes
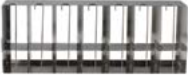
| Catalog No. | Description | Dimensions H x W x D in. (cm) | Storage Capacities | For Model Series | | |
|---|---|---|---|---|---|---|
| | | | | RDE40040 | RDE50040 | RDE60040 |
| 398328 | Sliding Drawer Rack | 9.5 x 5.5 x 26.9 (24 x 14 x 68.3) | Boxes/Rack | 15 | 15 | 15 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Boxes/Freezer | 300 | 375 | 450 |
| 1950519 | Adjustable Side Access Rack for 3 in. boxes | 9.4 x 5.4 x 26.75 (23.9 x 13.7 x 67.9) | Boxes/Rack | 15 | 15 | 15 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Boxes/Freezer | 300 | 375 | 450 |

### Racking Shelf Kits

| Description | Storage Capacities | For Model Series | | |
|---|---|---|---|---|
| | | RDE40040 | RDE50040 | RDE60040 |
| | Catalog No. | RSK400SD5 | RSK500SD5 | RSK600SD5 |
| 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 | 80 | 100 | 120 |

# Thermo Scientific™ Revco™ RDE 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 | | |
|---|---|---|---|---|---|---|
| | | | | RDE40040 | RDE50040 | RDE60040 |
| 398322 | Side Access Rack with Locking Rod | 9.4 x 5.5 x 25.7 (23.9 x 14 x 65.3) | Plates/Rack | 98 | 98 | 98 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Plates/Freezer | 1960 | 2450 | 2940 |
| 1950522 | Side Access Microplate Rack | 9.4 x 5.5 x 25.5 (23.9 x 14 x 64.8) | Plates/Rack | 77 | 77 | 77 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | Plates/Freezer | 1540 | 1925 | 2310 |
| 1950639 | Sliding Drawer Microplate Rack | 9.4 x 5.5 x 25.7 (23.9 x 14 x 65.3) | Plates/Rack | 28 | 28 | 28 |
| | | | Racks/Shelf | 4 | 5 | 6 |
| | | | Racks/Freezer | 20 | 25 | 30 |
| | | | 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™ Revco™ RDE 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 |

## Sliding Drawer Racks for Matrix and Cryobank Tubes

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

| | | For Model Series | RDE40040 | RDE50040 | RDE60040 |
|---|---|---|---|---|---|
| **200 µL Capacity Tubes** | | | | | |
| 3747, 3748, 4988 | Matrix 200 µL 2D Internally Threaded Universal Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.082 in. (8.5 x 12.8 x 2.75 cm) | Rack Model No. | 1950786 | 1950786 | 1950786 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| | | Tubes/Box | 96 | 96 | 96 |
| | | Boxes/Rack | 42 | 42 | 42 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 80,640 | 100,800 | 120,960 |
| **500 µL Capacity Tubes** | | | | | |
| 3734, 3735, 4898 | Matrix 500 µL 2D Open Top Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.022 in. (8.5 x 12.8 x 2.6 cm) | Rack Model No. | 1950786 | 1950786 | 1950786 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| 3736, 3737, 4899 | Matrix 200 µL 2D Internally Threaded Universal Tubes with Installed DuraSeal™ Seal<br>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 | 42 | 42 | 42 |
| 374086, 374087 (including color options) | Nunc Cryobank 500 µL Internally Threaded Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.394 in. (8.5 x 12.8 x 3.5 cm) | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 80,640 | 100,800 | 120,960 |
| 3743, 3744, 3745 (including color options) | Matrix 500 µL 2D Internally Threaded ScrewTop Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.745 in. (8.5 x 12.8 x 4.4 cm) | Rack Model No. | 1950639 | 1950639 | 1950639 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| | | Tubes/Box | 96 | 96 | 96 |
| | | Boxes/Rack | 28 | 28 | 28 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 53,760 | 67,200 | 80,640 |

# Thermo Scientific™ Revco™ RDE 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 | RDE40040 | RDE50040 | RDE60040 |
|---|---|---|---|---|---|
| **750 µL Capacity Tubes** | | | | | |
| 3731, 3732, 4896 | Matrix 750 µL 2D Open Top Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm) | Rack Model No. | 1950639 | 1950639 | 1950639 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| 3729, 4896 | Matrix 750 µL 2D Tubes with Installed DuraSeal Seal<br>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 | 28 | 28 | 28 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 53,760 | 67,200 | 80,640 |
| **1 mL  Capacity Tubes** | | | | | |
| 374088, 374089 (including color options) | Nunc Cryobank 1 mL Internally Threaded Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm) | Rack Model No. | 1950639 | 1950639 | 1950639 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| | | Tubes/Box | 96 | 96 | 96 |
| | | Boxes/Rack | 28 | 28 | 28 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 53,760 | 67,200 | 80,640 |
| 3740, 3741, 3742 (including color options) | Matrix 1 mL 2D Internally Threaded Screw Top Tubes<br>Box Dimensions: 3.365 x 5.03 x 2.3 in. (8.5 x 12.8 x 5.8 cm) | Rack Model No. | 1950798 | 1950798 | 1950798 |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| | | Tubes/Box | 96 | 96 | 96 |
| | | Boxes/Rack | 21 | 21 | 21 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 40,320 | 50,400 | 60,480 |

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## Sliding Drawer Racks for Matrix and Cryobank Tubes

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

| For Model Series | | RDE40040 | RDE50040 | RDE60040 |
|---|---|---|---|---|
| **1.4 mL Capacity Tubes** | | | | |
| 3791, 3792, 4890 | Matrix 1.4 mL 2D Open Top Tubes<br>Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm) | **Rack Model No.** <br> **1950639** | **1950639** | **1950639** |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| 3801, 4890 | 1.4 mL 2D Tubes with Installed DuraSeal Seal<br>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 | 28 | 28 | 28 |
| 3711, 3112, 4890 | Matrix 1.4 mL Human Readable Open Top Tubes<br>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 | 20 | 25 | 30 |
| | | Tubes/Freezer | 53,760 | 67,200 | 80,640 |
| **1.8 to 2 mL Capacity Tubes** | | | | |
| 374500, 374501 | Nunc 1.8 mL Externally Threaded Universal Tubes<br>Box Dimensions: 3.365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm) | **Rack Model No.** <br> **1950639** | **1950639** | **1950639** |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| 374221, 374223 | Nunc Cryobank 2 mL Internally Threaded Tubes<br>Box Dimension: 3.365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm) | Tubes/Box | 48 | 48 | 48 |
| | | Boxes/Rack | 28 | 28 | 28 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 26,880 | 33,600 | 40,320 |
| **5 mL Capacity Tubes** | | | | |
| 374220, 374222 | Nunc Cryobank 5 mL Internally Threaded Tubes<br>Box Dimensions: 3.365 x 5.03 x 3.78 in. (8.5 x 12.8 x 9.6 cm) | **Rack Model No.** <br> **1950818** | **1950818** | **1950818** |
| | | Freezer Rack Dimensions W x H x D | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) | 5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm) |
| | | Tubes/Box | 48 | 48 | 48 |
| | | Boxes/Rack | 14 | 14 | 14 |
| | | Racks/Shelf | 4 | 5 | 6 |
| | | Racks/Freezer | 20 | 25 | 30 |
| | | Tubes/Freezer | 13,440 | 16,800 | 20,160 |

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