

# Plastic Cryogenic Boxes

**Maxxline Plastic Cryogenic Boxes offer top-class cryopreservation solution on the market.**

Manufactured from a unique blend of high-quality polypropylene to give the best thermostability, these plastic cryogenic boxes can withstand temperatures as low as -150°C and autoclaving at +121°C.

Supplied in two sizes, with 9x9 and 10x10 dividers, they offer great flexibility when it comes to cryogenic storage. Maxxline 9x9 boxes are a great fit for most storage applications, while Maxxline 10x10 racks offer 23% more storage and would be ideal for laboratories storing large numbers of samples.

Both size variants of Maxxline Plastic Cryogenic Boxes have a footprint of 130x130mm that will fit in most standard storage racks. The 9x9 boxes are supplied in three height variants while the 10x10 racks can be ordered in five height variants.

All Maxxline Plastic Cryogenic Boxes feature an alphanumeric coding system that is moulded into the plastic for easy sample sorting. The assorted colours allow for visual sample segregation while in cryopreservation storage.

## Highlights:

### 9x9 Cryogenic Boxes

- Made from high-quality Polypropylene (PP)
- Graduated alpha-numeric system on top and bottom
- Dimensions:  
Width: 130mm,  
Depth: 130mm  
Height: 50, 80 or 90mm
- Colours: transparent, red, blue, green or yellow
- Clear, transparent lid
- Temperature: -90° to +121°C (autoclavable)

### 10x10 Cryogenic Boxes

- Allows for 23% more samples within the same space
- Dividers have vial lock-system
- Angled edges for quick, accurate closing
- Height: 32, 40, 50, 80 or 90mm



# Plastic Cryogenic Boxes 130x130mm

Maxxline 130x130mm plastic cryogenic boxes without dividers are designed to offer an all-in-one storage solution for many cryopreservation needs. Each box can be used as is to store a variety of samples or partitioned into a regular grid with the optional grid dividers.

## Cryogenic Boxes with a Large Thermal Range

In order to maintain their durability over many usage cycles, Maxxline boxes are designed to withstand both cryopreservation (-90°C) and autoclaving temperatures (+121°C). Each box is made from a custom blend of high-quality polypropylene that has great thermal properties. Vent holes at the bottom of each box rapidly increase freezing times and also allow for liquid drainage.

## Flexible Cryovial Storage

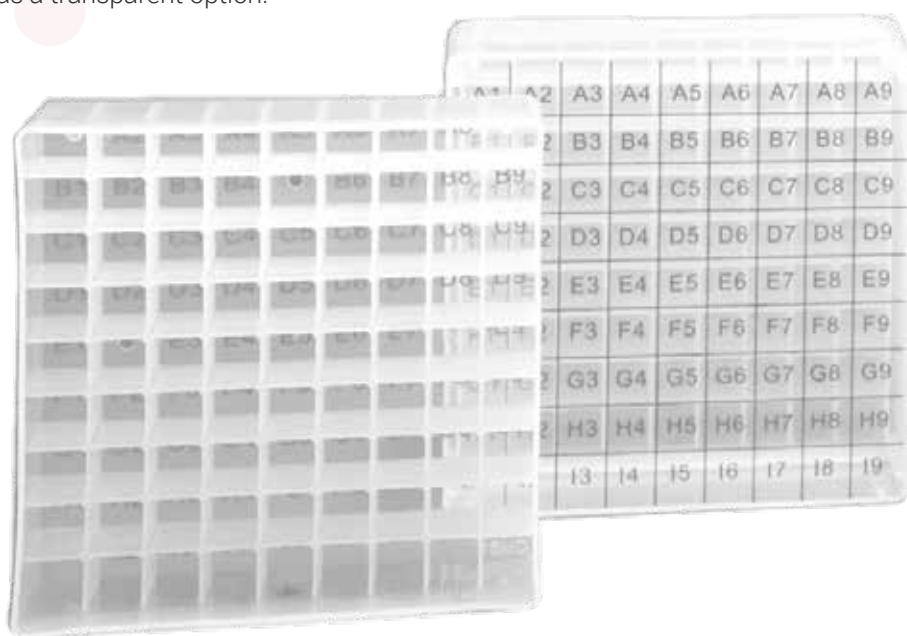
As Maxxline 130x130mm boxes are supplied without dividers, they offer a flexible storage solution for many cryopreservation scenarios. These boxes can accommodate tissue samples, tubes, and many other items. Optional 9x9 grid dividers can be used to store up to 81 cryovials in each rack and the 10x10 grid dividers extend the storage capacity by additional 23% up to 100 vials. If a numerical grid is preferred, Maxxline 9x9 and 10x10 cryogenic boxes would be a great option. Maxxline 130x130mm boxes are also available as microtube storage racks with grids for 15mL and 50mL tubes.

## Multiple Colour Variants

Maxxline 130x130mm boxes have multiple colour options that make it simple to sort and categorise different samples for freezer storage. The transparent lids fit snugly over coloured bottoms with a click-lock closure. The semi-transparent cryovial rack bottoms are supplied in four colours, blue, green, red, and yellow, as well as a transparent option.

## Highlights:

- Click-lock closure ensures samples are safe in each rack
- Vent holes at the bottom of each box make quick work of freezing and liquid removal
- The standard footprint (130x130mm) ensures the boxes fit in most freezer racks
- Optional 9x9 and 10x10 grid dividers enable each box to hold up to 81 or 100 cryovials
- Additional grid options for storing 15mL and 50mL microtubes
- Transparent lids make it easy to see the contents of each rack
- Five colour options make easy work of categorising samples stored in different boxes



## Ordering Information

### Plastic Cryogenic Boxes 130x130mm

Cat. No.	Description	Dimensions	Colour	Packaging
CM81-N	Plastic box, 50mm, grid 9x9, 1.0-2.0mL vials	130x130x50mm	Transparent	36 pcs.
CM81-B	Plastic box, 50mm, grid 9x9, 1.0-2.0mL vials	130x130x50mm	Blue	36 pcs.
CM81-R	Plastic box, 50mm, grid 9x9, 1.0-2.0mL vials	130x130x50mm	Red	36 pcs.
CM81-G	Plastic box, 50mm, grid 9x9, 1.0-2.0mL vials	130x130x50mm	Green	36 pcs.
CM81-Y	Plastic box, 50mm, grid 9x9, 1.0-2.0mL vials	130x130x50mm	Yellow	36 pcs.
CM81-N4	Plastic box, 50mm, grid 9x9, 4.0mL vials	130x130x80mm	Transparent	36 pcs.
CM81-B4	Plastic box, 50mm, grid 9x9, 4.0mL vials	130x130x80mm	Blue	36 pcs.
CM81-R4	Plastic box, 50mm, grid 9x9, 4.0mL vials	130x130x80mm	Red	36 pcs.
CM81-G4	Plastic box, 50mm, grid 9x9, 4.0mL vials	130x130x80mm	Green	36 pcs.
CM81-Y4	Plastic box, 50mm, grid 9x9, 4.0mL vials	130x130x80mm	Yellow	36 pcs.
CM81-N5	Plastic box, 50mm, grid 9x9, 5.0mL vials	130x130x90mm	Transparent	36 pcs.
CM81-B5	Plastic box, 50mm, grid 9x9, 5.0mL vials	130x130x90mm	Blue	36 pcs.
CM81-R5	Plastic box, 50mm, grid 9x9, 5.0mL vials	130x130x90mm	Red	36 pcs.
CM81-G5	Plastic box, 50mm, grid 9x9, 5.0mL vials	130x130x90mm	Green	36 pcs.
CM81-Y5	Plastic box, 50mm, grid 9x9, 5.0mL vials	130x130x90mm	Yellow	36 pcs.
MLX05N	Plastic box, 32mm, grid 10x10, 0.5mL vials	130x130x32mm	Transparent	36 pcs.
MLX05B	Plastic box, 32mm, grid 10x10, 0.5mL vials	130x130x32mm	Blue	36 pcs.
MLX05R	Plastic box, 32mm, grid 10x10, 0.5mL vials	130x130x32mm	Red	36 pcs.
MLX05G	Plastic box, 32mm, grid 10x10, 0.5mL vials	130x130x32mm	Green	36 pcs.
MLX05Y	Plastic box, 32mm, grid 10x10, 0.5mL vials	130x130x32mm	Yellow	36 pcs.
MLX1N	Plastic box, 40mm, grid 10x10, 1.0mL vials	130x130x40mm	Transparent	36 pcs.
MLX1B	Plastic box, 40mm, grid 10x10, 1.0mL vials	130x130x40mm	Blue	36 pcs.
MLX1R	Plastic box, 40mm, grid 10x10, 1.0mL vials	130x130x40mm	Red	36 pcs.
MLX1G	Plastic box, 40mm, grid 10x10, 1.0mL vials	130x130x40mm	Green	36 pcs.
MLX1Y	Plastic box, 40mm, grid 10x10, 1.0mL vials	130x130x40mm	Yellow	36 pcs.
MLX2N	Plastic box, 50mm, grid 10x10, 2.0mL vials	130x130x50mm	Transparent	36 pcs.
MLX2B	Plastic box, 50mm, grid 10x10, 2.0mL vials	130x130x50mm	Blue	36 pcs.
MLX2R	Plastic box, 50mm, grid 10x10, 2.0mL vials	130x130x50mm	Red	36 pcs.
MLX2G	Plastic box, 50mm, grid 10x10, 2.0mL vials	130x130x50mm	Green	36 pcs.
MLX2Y	Plastic box, 50mm, grid 10x10, 2.0mL vials	130x130x50mm	Yellow	36 pcs.
MLX4N	Plastic box, 80mm, grid 10x10, 4.0mL vials	130x130x80mm	Transparent	36 pcs.
MLX4B	Plastic box, 80mm, grid 10x10, 4.0mL vials	130x130x80mm	Blue	36 pcs.
MLX4R	Plastic box, 80mm, grid 10x10, 4.0mL vials	130x130x80mm	Red	36 pcs.
MLX4G	Plastic box, 80mm, grid 10x10, 4.0mL vials	130x130x80mm	Green	36 pcs.
MLX4Y	Plastic box, 80mm, grid 10x10, 4.0mL vials	130x130x80mm	Yellow	36 pcs.
MLX5N	Plastic box, 90mm, grid 10x10, 5.0mL vials	130x130x90mm	Transparent	36 pcs.
MLX5B	Plastic box, 90mm, grid 10x10, 5.0mL vials	130x130x90mm	Blue	36 pcs.
MLX5R	Plastic box, 90mm, grid 10x10, 5.0mL vials	130x130x90mm	Red	36 pcs.
MLX5G	Plastic box, 90mm, grid 10x10, 5.0mL vials	130x130x90mm	Green	36 pcs.
MLX5Y	Plastic box, 90mm, grid 10x10, 5.0mL vials	130x130x90mm	Yellow	36 pcs.
CM25-125N	Plastic box, 130mm, grid for 25x15mL tubes	130x130x130mm	Transparent	36 pcs.
CM12-125N	Plastic box, 130mm, grid for 10x50mL and 2x15mL tubes	130x130x130mm	Transparent	36 pcs.

# Plastic Cryogenic Boxes with 9x9 dividers

Maxxline 9x9 boxes offer premium cryovial storage for the highest stakes scientific research. When used with Maxxline cryovials, each box will provide an above-par experience paralleled by a few options on the market.

## Cryogenic Boxes with Excellent Thermostability

Maxxline custom polypropylene (PP) formulation gives each box exceptional thermostability. The unique resin formulation evinces quality by the exceptional durability of Maxxline Cryogenic Boxes, which retain their form over a large thermal range (-90° to +121°C). Internal stress tests indicate that each box can safely withstand storage at -150°C.

## Cryogenic Boxes with Quick-Indexing Features

Quick sample sorting and indexing is integral to Maxxline boxes, featuring an intuitive alpha-numeric coding system with graduated lids and bottoms for easy sample storage and retrieval. Each box lid has a smart closing indication for sample security when the box is ready to pack away in the freezer.

## Colourful plastic Cryogenic Boxes

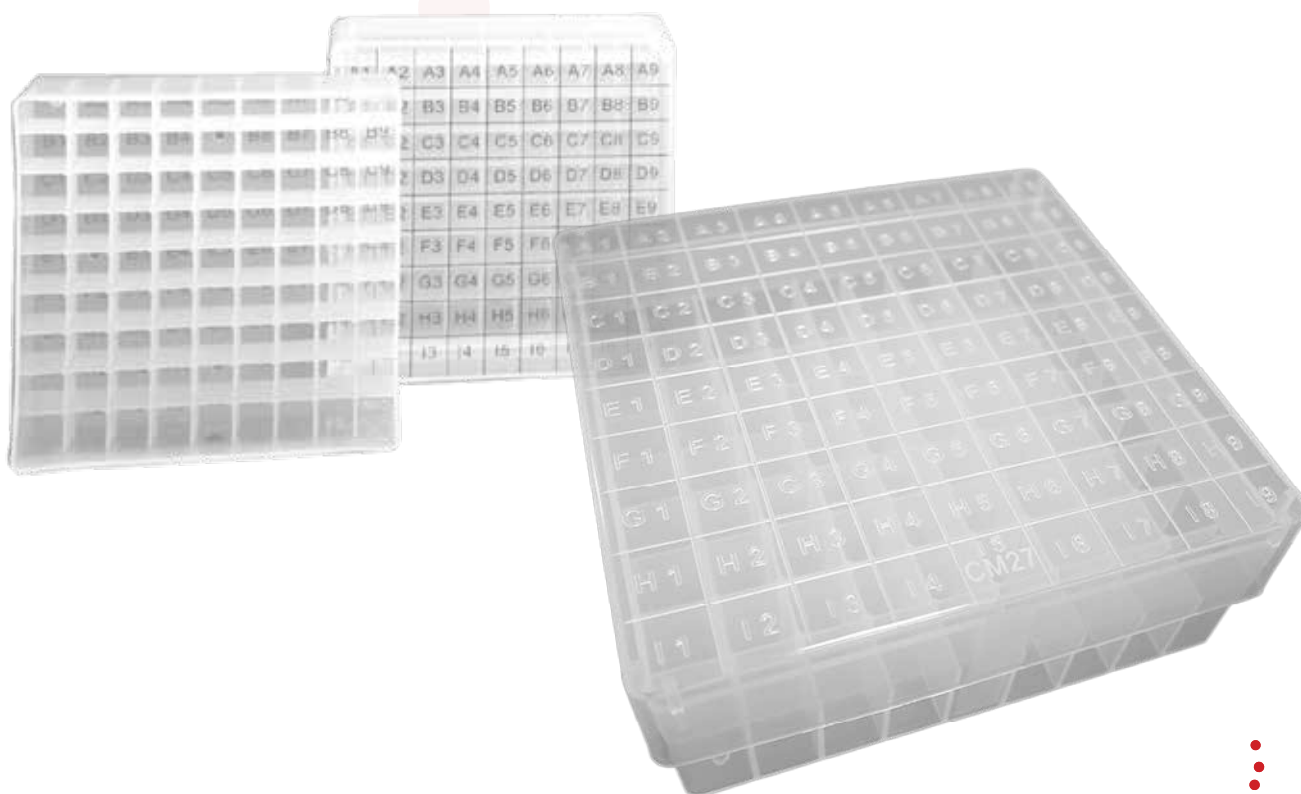
Maxxline Cryogenic Boxes are supplied in a range of colours, from an ethereal green, to transparent, red, blue, and yellow, for optimal sample organisation and management.

## Space-Efficient Storage System

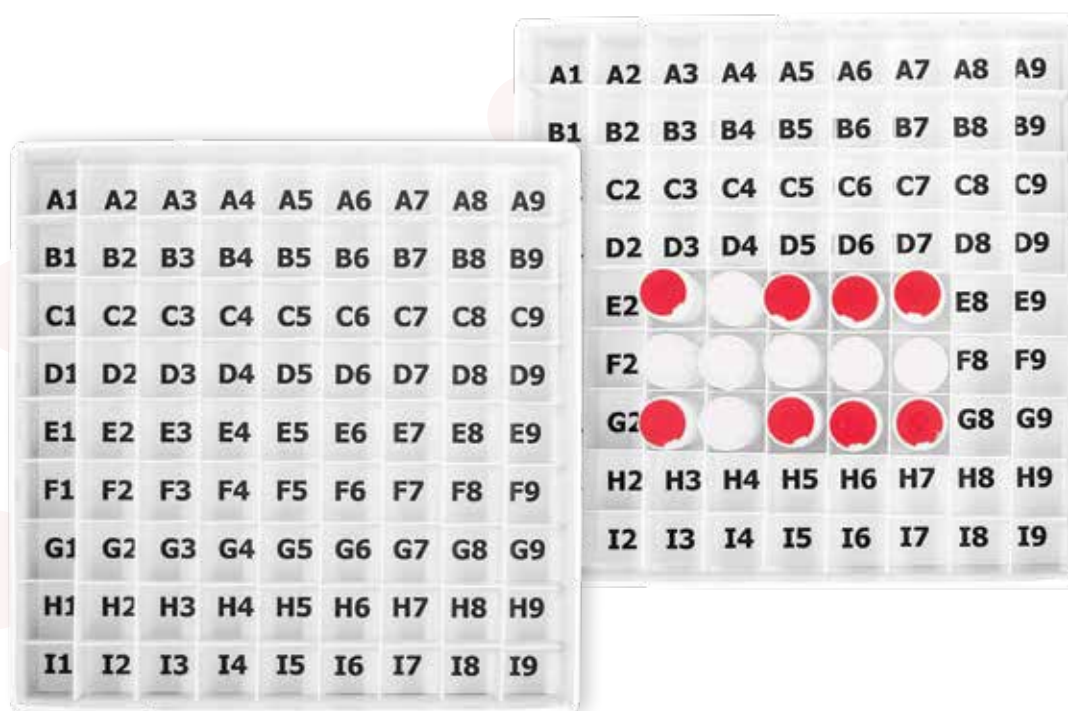
Maxxline 9x9 boxes store up to 81 cryovials while fitting in standard freezer racks. The boxes are supplied in a range of heights (50mm, 80mm and 90mm) that accommodate a wide range of sample tube lengths.

## Highlights:

- 9x9 box with square dividers in a compact 130x130mm form
- Durable, featuring a custom formulation of high-quality polypropylene (PP)
- Graduated alpha-numeric sample sorting system moulded into the 9x9 cryogenic box
- Broad selection of box heights (50mm, 80mm or 90mm) accommodate varied sample tube lengths
- Colour variants that make your lab pop (transparent, red, blue, green, and yellow)
- Exceptional thermal range -150° to +121°C for reliable cryovial storage and easy autoclaving







## Ordering Information

### Plastic Cryogenic Boxes with 9x9 Dividers

Cat. No.	Description	Dimensions	Colour	Packaging
CM81-N	Plastic box, 50mm, grid 9x9 for 1.0 - 2.0mL cryovials	130x130x50mm	Transparent	36 pcs.
CM81-B	Plastic box, 50mm, grid 9x9 for 1.0 - 2.0mL cryovials	130x130x50mm	Blue	36 pcs.
CM81-R	Plastic box, 50mm, grid 9x9 for 1.0 - 2.0mL cryovials	130x130x50mm	Red	36 pcs.
CM81-G	Plastic box, 50mm, grid 9x9 for 1.0 - 2.0mL cryovials	130x130x50mm	Green	36 pcs.
CM81-Y	Plastic box, 50mm, grid 9x9 for 1.0 - 2.0mL cryovials	130x130x50mm	Yellow	36 pcs.
CM81-N4	Plastic box, 80mm, grid 9x9 for 4.0mL cryovials	130x130x80mm	Transparent	36 pcs.
CM81-B4	Plastic box, 80mm, grid 9x9 for 4.0mL cryovials	130x130x80mm	Blue	36 pcs.
CM81-R4	Plastic box, 80mm, grid 9x9 for 4.0mL cryovials	130x130x80mm	Red	36 pcs.
CM81-G4	Plastic box, 80mm, grid 9x9 for 4.0mL cryovials	130x130x80mm	Green	36 pcs.
CM81-Y4	Plastic box, 80mm, grid 9x9 for 4.0mL cryovials	130x130x80mm	Yellow	36 pcs.
CM81-N5	Plastic box, 90mm, grid 9x9 for 5.0mL cryovials	130x130x90mm	Transparent	36 pcs.
CM81-B5	Plastic box, 90mm, grid 9x9 for 5.0mL cryovials	130x130x90mm	Blue	36 pcs.
CM81-R5	Plastic box, 90mm, grid 9x9 for 5.0mL cryovials	130x130x90mm	Red	36 pcs.
CM81-G5	Plastic box, 90mm, grid 9x9 for 5.0mL cryovials	130x130x90mm	Green	36 pcs.
CM81-Y5	Plastic box, 90mm, grid 9x9 for 5.0mL cryovials	130x130x90mm	Yellow	36 pcs.

# Plastic Cryogenic Boxes with 10x10 dividers

Maxxline Plastic Cryogenic Boxes with 10x10 Dividers are designed to meet the storage demands of high sample throughput laboratories. These boxes provide a high-capacity storage system when used together with Maxxline Cryovials. Here are some of the features that make Maxxline 10x10 boxes an excellent choice for your laboratory.

## Thermostable Cryogenic Boxes

Maxxline 10x10 boxes withstand the ultra-low temperatures of cryopreservation and the elevated temperatures of autoclaving. Each box is manufactured from a custom polypropylene (PP) formulation with excellent thermal properties. Maxxline boxes resist cracking at normal cryopreservation temperatures (-90°C) or melting at autoclave temperatures (+121°C). Internal tests show that the boxes can endure temperatures as low as -150°C.

## Quick Sample indexing

Maxxline Cryogenic Boxes have an intuitive alpha-numeric coding system that makes sample indexing effortless. Moulded graduation marks on the lid and the bottom of each box remove the stress from locating samples with the rack open or closed. A smart closing indication helps secure sample tubes in the box.

## Colourful Cryogenic Storage Boxes

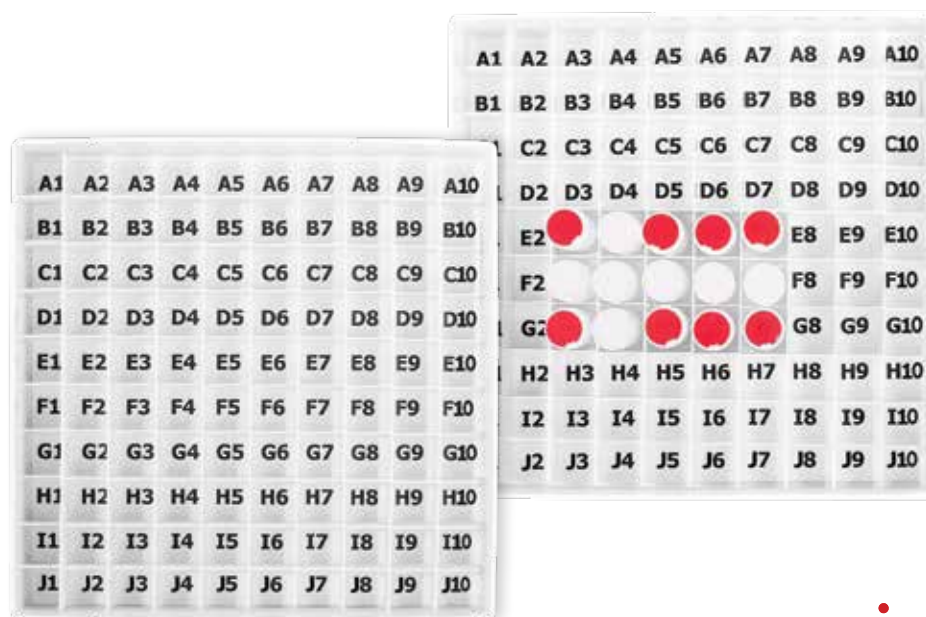
Maxxline Cryogenic Boxes come in number of vibrant, functional colours (green, blue, yellow, red, and natural). These colour options are essential for categorising specimens in freezer storage.

## Spacious Cryo Vial Racks

Each Maxxline 10x10 cryogenic box can store up to 23% more cryovials than a 9x9 box, while retaining the same 130x130mm footprint. This allows laboratories to store more samples in their cryogenic storage boxes without swapping out their freezer racks. Maxxline 10x10 boxes can also accommodate a broader range of sample tube lengths owing to the wider range of heights (32, 40, 50, 80 and 90mm).

## Highlights:

- Space-efficient 10x10 cryogenic box grid dividers in a trim 130x130mm form
- Engineered from high-quality polypropylene (PP)
- With moulded alpha-numeric graduations that won't wear off easily
- Full selection of heights (50mm, 80mm or 90mm) housing varied sample tube lengths
- Broad range of colour choices (yellow, blue, green, red, and transparent)
- Large temperature range for reliable cryovial storage (-150°C) and trouble-free autoclaving (+121°C)



## Ordering Information

### Plastic Cryogenic Boxes with 10x10 Dividers

Cat. No.	Description	Dimensions	Colour	Packaging
MLX05N	Plastic box, 32mm, grid 10x10 for 0.5mL cryovials	130x130x32mm	Transparent	36 pcs.
MLX05B	Plastic box, 32mm, grid 10x10 for 0.5mL cryovials	130x130x32mm	Blue	36 pcs.
MLX05R	Plastic box, 32mm, grid 10x10 for 0.5mL cryovials	130x130x32mm	Red	36 pcs.
MLX05G	Plastic box, 32mm, grid 10x10 for 0.5mL cryovials	130x130x32mm	Green	36 pcs.
MLX05Y	Plastic box, 32mm, grid 10x10 for 0.5mL cryovials	130x130x32mm	Yellow	36 pcs.
MLX1N	Plastic box, 40mm, grid 10x10 for 1.0mL cryovials	130x130x40mm	Transparent	36 pcs.
MLX1B	Plastic box, 40mm, grid 10x10 for 1.0mL cryovials	130x130x40mm	Blue	36 pcs.
MLX1R	Plastic box, 40mm, grid 10x10 for 1.0mL cryovials	130x130x40mm	Red	36 pcs.
MLX1G	Plastic box, 40mm, grid 10x10 for 1.0mL cryovials	130x130x40mm	Green	36 pcs.
MLX1Y	Plastic box, 40mm, grid 10x10 for 1.0mL cryovials	130x130x40mm	Yellow	36 pcs.
MLX2N	Plastic box, 50mm, grid 10x10 for 2.0mL cryovials	130x130x50mm	Transparent	36 pcs.
MLX2B	Plastic box, 50mm, grid 10x10 for 2.0mL cryovials	130x130x50mm	Blue	36 pcs.
MLX2R	Plastic box, 50mm, grid 10x10 for 2.0mL cryovials	130x130x50mm	Red	36 pcs.
MLX2G	Plastic box, 50mm, grid 10x10 for 2.0mL cryovials	130x130x50mm	Green	36 pcs.
MLX2Y	Plastic box, 50mm, grid 10x10 for 2.0mL cryovials	130x130x50mm	Yellow	36 pcs.
MLX4N	Plastic box, 80mm, grid 10x10 for 4.0mL cryovials	130x130x80mm	Transparent	36 pcs.
MLX4B	Plastic box, 80mm, grid 10x10 for 4.0mL cryovials	130x130x80mm	Blue	36 pcs.
MLX4R	Plastic box, 80mm, grid 10x10 for 4.0mL cryovials	130x130x80mm	Red	36 pcs.
MLX4G	Plastic box, 80mm, grid 10x10 for 4.0mL cryovials	130x130x80mm	Green	36 pcs.
MLX4Y	Plastic box, 80mm, grid 10x10 for 4.0mL cryovials	130x130x80mm	Yellow	36 pcs.
MLX5N	Plastic box, 90mm, grid 10x10 for 5.0mL cryovials	130x130x90mm	Transparent	36 pcs.
MLX5B	Plastic box, 90mm, grid 10x10 for 5.0mL cryovials	130x130x90mm	Blue	36 pcs.
MLX5R	Plastic box, 90mm, grid 10x10 for 5.0mL cryovials	130x130x90mm	Red	36 pcs.
MLX5G	Plastic box, 90mm, grid 10x10 for 5.0mL cryovials	130x130x90mm	Green	36 pcs.
MLX5Y	Plastic box, 90mm, grid 10x10 for 5.0mL cryovials	130x130x90mm	Yellow	36 pcs.

# Plastic Cryogenic Boxes for 15mL / 50mL tubes

Maxxline centrifuge tube storage boxes are uniquely tailored to meet the demands of storing 15mL and 50mL conical tubes. These racks have a wide scope of applications, as described below.

## Durable Polypropylene Storage Boxes

Maxxline centrifuge tube storage boxes are manufactured from a customised blend of extremely durable polypropylene durable. For this reason, they safely hold 15mL and 50mL conical tubes at sample freezing (-20°C) and cryopreservation (-90°C) temperatures, and can be sterilised at +121°C without losing structural integrity.

## Vented Conical Tube Storage Boxes

To increase their thermal efficiency, Maxxline Cryogenic Boxes feature bottom-facing ventilation holes, which greatly increase the rate of freezing. These downward-facing vents allow for minimal fluid retention.

## Multiple Layout Options

Maxxline conical tube boxes accommodate up to 25 tubes in two different grid layouts. The 5x5 grid (CM25-125(N)) has a regular pattern that can hold up to twenty-five 15mL tubes. Larger conical tubes would fit in the 12-place layout that holds up to ten 50mL tubes and two 15mL tubes.

## Multi-purpose Conical Tube Box

Maxxline centrifuge tube storage boxes can be adapted to various uses in the laboratory. This includes freezing 15mL and 50mL tubes as well as sorting and holding samples during centrifugation. Maxxline storage boxes may also be used for transporting samples in a dependable manner.

## Highlights:

- A snap on lid closure secures samples in each box
- Vent holes allow for rapid freezing of samples stored on each rack and hassle-free liquid drainage
- Stock footprint (130x130mm) that fits well in most freezer racks
- Optional 12 or 25 place dividers hold many sample tubes on each rack
- Clear plastic construction improves sample visibility

## Ordering Information

Cat. No.	Description	Dimensions	Colour	Packaging
CM12-125N	Plastic box, 130mm, grid for 10x50mL and 2x15mL tubes	130x130x130mm	Transparent	36 pcs.
CM25-125N	Plastic box, 130mm, grid for 25x15mL tubes	130x130x130mm	Transparent	36 pcs.

