



MaxPlus MTP Cooler®

Transport Red Blood Cells,
Plasma, and Platelets in One
Integrated Cooler

At-a-Glance

- Qualified for up to 12 hours
- Replaces up to three coolers for each MTP request
- Streamlines blood bank daily operations, optimizes efficiency and minimizes staff training
- Highly durable, long-lasting, and easy to clean/disinfect
- Detachable cart included for transport
- New lighter, more durable, enhanced performance design with engineered materials

“It’s so worth having the confidence in this system. (MaxPlus MTP Cooler) Anyone can pack it out. Anyone can handle it. And knowing that the blood product someone takes the time to donate will be protected is priceless.”

- Lead Medical Technologist



All-in-One Massive Transfusion Protocol Cooler

The patented MaxPlus MTP Cooler® is designed specifically for Massive Transfusion Protocol (MTP) requests. With a coolant divider in the main compartment of the cooler and an external platelet pouch on the lid, the system is qualified to maintain red blood cells (1-6°C), warm or chilled plasma (cooling towards 1-6°C), and platelets (20-24°C) together in one integrated cooler for up to 12 hours. Standardized packing protocols minimize staff training, are easy to implement network-wide.

Enhanced Performance Design

The new MaxPlus MTP Cooler system has been constructed using high-performance, engineered materials, resulting in a lighter, more durable, and easier to clean unit. Offering more stable product temperatures (+/- 0.3°C), ensuring optimal storage conditions. Specifically designed for blood bankers, prioritizing the user-experience above all else.

Improved Response Time

The MaxPlus MTP cooler replaces up to three coolers for each Massive Transfusion Protocol (MTP) request saving valuable time in an emergency situation. In addition, standardized packing protocols with no special handling or bench-time conditioning allow the cooler to be packed out in 30 seconds for immediate delivery to a trauma, getting to the patient in record time.





MaxPlus MTP Cooler

Durable and Reusable

High-strength construction ensures that the cooler can be used reliably for years. The new design's material is not only more durable but easier to clean and disinfect for ongoing use.

Qualification and Validation

MaxQ's design and validation team can help select the system to best fit organization's unique transport and blood product needs. All MaxPlus systems are pre-qualified and supplied with a validation guide to help hospital blood banks confidently validate the systems in-house without third-party support.

Turn-Key Solution

The MaxPlus MTP Cooler was designed by scientist specifically for hospital blood bank operations. Each cooler includes the necessary gel packs, a detachable cart for transport, a validation guide, and packout instructions.



Blood Product	Temperature	Capacity (units)	Dimensions L x W x H (inches)	SKU#
RBCs	1 - 6°C	2 - 6	20.1 x 13.8 x 16.3	MTP18E12
Plasma	Cooling to 1 - 6°C	2 - 6		
Platelets	20 - 24°C	1 - 2		

Proven Success

Harbor UCLA Medical Center reduced blood loss by 86% by implementing the MaxPlus MTP Cooler. You can read the full success story here: [Harbor UCLA Medical Center - MTP Cooler Case Study](#)



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