



bloodmove

Tritemp System

ONE SYSTEM FOR THREE BLOOD TEMPERATURE PROFILES



Depth: 370mm



Width: 480mm



Height: 380mm



Empty Weight: 3.5kg



+2°C to +6°C
RED BLOOD CELLS
(RBC)



+20°C to +26°C
PLATELETS



-30°C
FROZEN PLASMA

Safeguarding Blood from Donation to Delivery

Stackable Design



One System for Three Blood Temperature Profiles

The bloodmove Tritemp System is a validated temperature-controlled transport solution for the safe movement of Red Blood Cells, Platelets and Frozen Plasma within a single transport platform

VALIDATED PERFORMANCE SUMMARY

Blood Component		Payload	Unit Volume	Temp Range	Ambient Profile	Target	Achieved	Outcome
 Red Blood Cells	Red Blood Cells	1	36 ml	+4°C	-10°C	6 hours	8 hours	PASS
	Red Blood Cells	12	220 ml	+4°C	-10°C	6 hours	13.2 hours	PASS
	Red Blood Cells	1	36 ml	+4°C	-5°C	9 hours	12.3 Hours	PASS
	Red Blood Cells	12	220 ml	+4°C	-5°C	9 hours	>17 Hours	PASS
	Red Blood Cells	1	36 ml	+4°C	+40°C	6 hours	>17 Hours	PASS
	Red Blood Cells	12	220 ml	+4°C	+40°C	6 hours	12.3 Hours	PASS
	Red Blood Cells	1	36 ml	+4°C	+35°C	9 hours	>17 hours	PASS
	Red Blood Cells	12	220 ml	+4°C	+35°C	9 hours	13.5	PASS
 Platelet	Platelet	1	45 ml	+22°C	-10°C	6 hours	12 hours	PASS
	Platelet	12	150 ml	+22°C	-10°C	6 hours	9.3 hours	PASS
	Platelet	1	45 ml	+22°C	-5°C	9 hours	16.7 hours	PASS
	Platelet	12	150 ml	+22°C	-5°C	9 hours	11 hours	PASS
	Platelet	1	45 ml	+22°C	+40°C	6 hours	13.2 hours	PASS
	Platelet	12	150 ml	+22°C	+40°C	6 hours	14.2 hours	PASS
	Platelet	1	45 ml	+22°C	+35°C	9 hours	>17 hours	PASS
	Platelet	12	150 ml	+22°C	+35°C	9 hours	>17 hours	PASS
 Frozen Plasma	Frozen Plasma	1	50 ml	-30°C	-10°C	6 hours	>17 hours	PASS
	Frozen Plasma	10	200 ml	-30°C	-10°C	6 hours	>17 hours	PASS
	Frozen Plasma	1	50 ml	-30°C	-5°C	10 hours	>17 hours	PASS
	Frozen Plasma	10	200 ml	-30°C	-5°C	10 hours	>17 hours	PASS
	Frozen Plasma	1	50 ml	-30°C	+40°C	6 hours	>17 hours	PASS
	Frozen Plasma	10	200 ml	-30°C	+40°C	6 hours	12.8 hours	PASS
	Frozen Plasma	1	50 ml	-30°C	+35°C	10 hours	>17 hours	PASS
	Frozen Plasma	10	200 ml	-30°C	+35°C	10 hours	>17 hours	PASS



Polar Thermal Packaging Ltd
Polar House, Roman Way, Crusader Park, Warminster,
Wiltshire, BA12 8SP

www.polarthermal.com Tel: 01985 214111 sales@polarthermal.com

