

BloodPorter®

Carrier Systems



- ⦿ Validated safe transportation of Red Blood Cells, Platelets and Plasma
- ⦿ Lightweight design and easy handling
- ⦿ Tamper-evident facility available
- ⦿ Secure document storage
- ⦿ Numerous sizes and volumes to suit all applications
- ⦿ Customised colours and branding

Helapet BloodPorter® carrier systems

The quality solution for cold chain transportation

Helapet BloodPorter® carriers are validated, easy-to-use systems providing secure temperature controlled transportation of blood products between hospital sites, blood banks and wards.

Each BloodPorter® system is designed to effectively maintain the desired temperature threshold for extended periods of time, even with multiple openings.

Available in a range of sizes and volume options to suit specific applications, each carrier can be configured to variable temperature thresholds reliably accommodating red blood cells and platelets.



Specifically manufactured for the NHS Blood Transfusion Service to support the secure transportation of red blood cells within +2°C to +10°C temperature threshold.

Model	MiniPorter™ *	4	6	16	27	40
Product code	BPM011	BP004R	BP006R	BP016R	BP027R	BP040R
External with bag (W x L x H mm)	210 x 130 x 75	260 x 260 x 267	315 x 315 x 322	368 x 368 x 374	476 x 421 x 341	484 x 484 x 410
Internal with cool packs (W x L x H mm)	210 x 130 x 75	76 x 145 x 149	170 x 170 x 140	200 x 200 x 170	250 x 190 x 155	250 x 250 x 200
Product volume (L)	0.73	1.64	4.05	6.8	7.3	11.5
Total system weight (kg)	0.72	1.7	0.97	1.84	4.5	7.4
Duration (hrs)	3.5	4+	7+	7+	8+	8+
Temperature threshold	+2°C to 8°C	+2°C to 8°C	+2°C to 10°C	+2°C to 10°C	+2°C to 8°C	+2°C to 8°C
Cool packs ordered separately	1 x MC11	2 x MC28	1 x MC28	2 x MC20	6 x MC20	6 x MC3
Products tested	1 adult blood cell unit: 3.5 hrs	2 x 350 ml bags	6 x 322 ml bags	6 x 322 ml bags	1 x 1000 ml bag	1 x 1000 ml bag



*Includes 1x Medicool® 11



A range of temperature controlled carriers for the transportation of platelets from +20°C to +24°C.

Model	4	6	16
Product code	BP004R	BP006R	BP016R
External with bag (W x L x H mm)	260 x 260 x 267	315 x 315 x 322	368 x 368 x 374
Internal with cool packs (W x L x H mm)	145 x 145 x 80	170 x 170 x 80	170 x 170 x 100
Product volume (L)	1.7	2.31	2.9
Total system weight (kg)	1.4	2.49	4.44
Duration (hrs)	10	19.5	20.2
Temperature threshold	+20°C to +24°C	+20°C to +24°C	+20°C to +24°C
Cool packs ordered separately	2 x MC28	3 x MC28	6 x MC20
Product tested	4 x 366ml platelets	6 x 366ml platelets	6 x 366ml platelets



Storage of plasma from -100°C to 0°C.

Model	16.1
Product code	BP016.1R
External with bag (W x L x H mm)	368 x 368 x 374
Internal with cool packs (W x L x H mm)	230 x 230 x 120
Product volume (L)	6.3
Total system weight (kg)	4.05
Duration (hrs)	79
Temperature threshold	-100°C to 0°C
Product tested	Dry ice 5kg*



Use 5kg of dry ice for up to 79 hours of thermal performance.

*Dry ice not supplied by Helapet

Need help choosing your Porter?

Then call Helapet on **0800 0328 428** or email **sales@helapet.co.uk**

It's all in the bag...

BloodPorter® carriers comprise a simple 3 component system using thermally efficient materials. Inner chambers and cool packs are fully replaceable, providing a cost effective and assured method of maintaining thermal performance over time.

Replaceable Cool Packs

- Non-toxic composition
- Easy to stack
- Easily configured to the desired temperature threshold

Replaceable Polystyrene Inner

- Ready packed as standard in each BloodPorter®
- Maintains the integrity and thermal performance
- Easy to remove and replace

BloodPorter® Bag

- Robust carrying handles for easy transportation
- Visual document storage
- Secure Velcro® fastening with a tamper-evident tag facility
- Variable colours and branding available



Choose your replaceable components

Polystyrene Inners

Fully replaceable polystyrene inners, essential for maintaining the integrity and performance of the BloodPorter® range. Available in a range of sizes, each inner is designed to fit comfortably inside the BloodPorter® bag.

Model	Refurbishment Pack†	4 Inner	6 Inner	16 Inner	16.1 Inner	27 Inner	40 Inner
Product code	BPI011	BPI004	BPI006	BPI016	BPI016.1	BPI027	BPI040
External Dimensions (W x L x H mm)	252x172x115	245x245x245	298x298x304	340x340x346	340 x 340 x 346	448x393x313	456x456x378
Blood Internal (W x L x H mm)	210x130x75	82x145x149	170x170x143	200x200x170	N/A	250x190x155	256x256x203
Platelets Internal (W x L x H mm)	N/A	145x145x86	170x170x89	170x170x100	N/A	N/A	N/A
Plasma Internal (W x L x H mm)	N/A	N/A	N/A	N/A	230 x 230 x 120	N/A	N/A
Suitability	Blood MiniPorter™	BloodPorter® 4	BloodPorter® 6	BloodPorter® 16	PlasmaPorter® 16.1	BloodPorter® 27	BloodPorter® 40

†Includes 1x Medicool® 11

BloodPorter® Cool packs

Non-toxic, water-based cool packs specifically designed for use with BloodPorter® carrier systems.

Name	Medicool® 3	Medicool® 11	Medicool® 20	Medicool® 28
Model	MC3	MC11	MC20	MC28
Product code	MC034B	MC030B	MC032B	MC033B
Sales pack quantity	12	20	20	18
Dimensions (mm)	320 x 170 x 35	220 x 130 x 35	270 x 130 x 35	185 x 170 x 35
Weight per Medicool® (g)	1100	525	650	600
Suitability	BP040R	BPM001	BP027R BP016R	BP006R BP004R



Medicool® packs can be re-used by observing the following guidance:

1. Stack cool packs flat no more than 3 high with 50mm of free air circulation.
2. Always conduct a weight, visual and squeeze check. Dispose of cool packs that show signs of leaking or are $\pm 20g$ the guided weight.
3. Refrigerate or freeze as directed for minimum 24 hours before use.

Personalise your Porter

Tailor your BloodPorter® carrier design with an array of colours and bespoke branding to your requirements.

Colour*

Stand out from the crowd by choosing from our range of different colour options.



Branding*

We can add logos and artwork tailored to your design and location requirements.



*Minimum order quantities apply when ordering custom bags and artwork. Bespoke bag colouring excludes Blood MiniPorter™

For further information or a demonstration on our range of BloodPorter® carrier systems, contact Helapet on **0800 0328 428** or email **sales@helapet.co.uk**

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