



# bloodmove

**Inbound PPC**  
(Platelet & Plasma Container)

## PLATELET AND PLASMA TRANSPORT WITH INTEGRATED PCM PROTECTION



Depth: 360mm



Width: 450mm



Height: 330mm



Empty Weight: 3.70kg



**Inflating  
Support System**



**Reusable up to  
2,000 Times**



**Integrated  
PCM Protection**

**Safeguarding Blood from Donation to Delivery**

# Platelet & Plasma transport from donation centres to regional hubs



Developed for NHS Blood and Transplant (NHSBT), the bloodmove™ Inbound PPC has been used for over 8 years to support the safe transport of platelets and plasma. The system has achieved a 100% validation score across multiple validation exercises and is designed to maintain a controlled payload temp for a minimum of 4 hours in ambient temperatures ranging from -5°C to +35°C, using integrated phase change materials for reliable, compliant performance.

## VALIDATED PERFORMANCE SUMMARY

| Blood Component                                                                                |          | Payload  | Temp Range                               | Ambient Profile             | Target   | Achieved           | Outcome |
|------------------------------------------------------------------------------------------------|----------|----------|------------------------------------------|-----------------------------|----------|--------------------|---------|
| <br>Platelet | Platelet | 1 Unit   | 20–24°C                                  | -5                          | 3 Hours  | 4 hours 45 minutes | PASS    |
|                                                                                                | Platelet | 5 Units  | 20–24°C                                  | -5                          | 3 Hours  | 6 hours 55 minutes | PASS    |
|                                                                                                | Platelet | 10 Units | 20–24°C                                  | -5                          | 3 Hours  | 6 hours 55 minutes | PASS    |
|                                                                                                | Platelet | 1 Unit   | 20–24°C                                  | 35                          | 3 Hours  | > 5 hours          | PASS    |
|                                                                                                | Platelet | 5 Units  | 20–24°C                                  | 35                          | 3 Hours  | > 5 hours          | PASS    |
|                                                                                                | Platelet | 10 Units | 20–24°C                                  | 35                          | 3 Hours  | > 5 hours          | PASS    |
| <br>Plasma   | Plasma   | 1 Unit   | 18–26°C<br>(starting temp of plasma +32) | 16°C (8 hours),<br>then -5  | 11 Hours | > 13 Hours         | PASS    |
|                                                                                                | Plasma   | 5 Units  | 18–26°C<br>(starting temp of plasma +32) | 16°C (8 hours),<br>then -5  | 11 Hours | > 13 Hours         | PASS    |
|                                                                                                | Plasma   | 10 Units | 18–26°C<br>(starting temp of plasma +32) | 16°C (8 hours),<br>then +35 | 11 Hours | > 13 Hours         | PASS    |
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