

PLATELETS POOLING AND STORAGE SYSTEM



Platelets pooling system and leukocyte filter

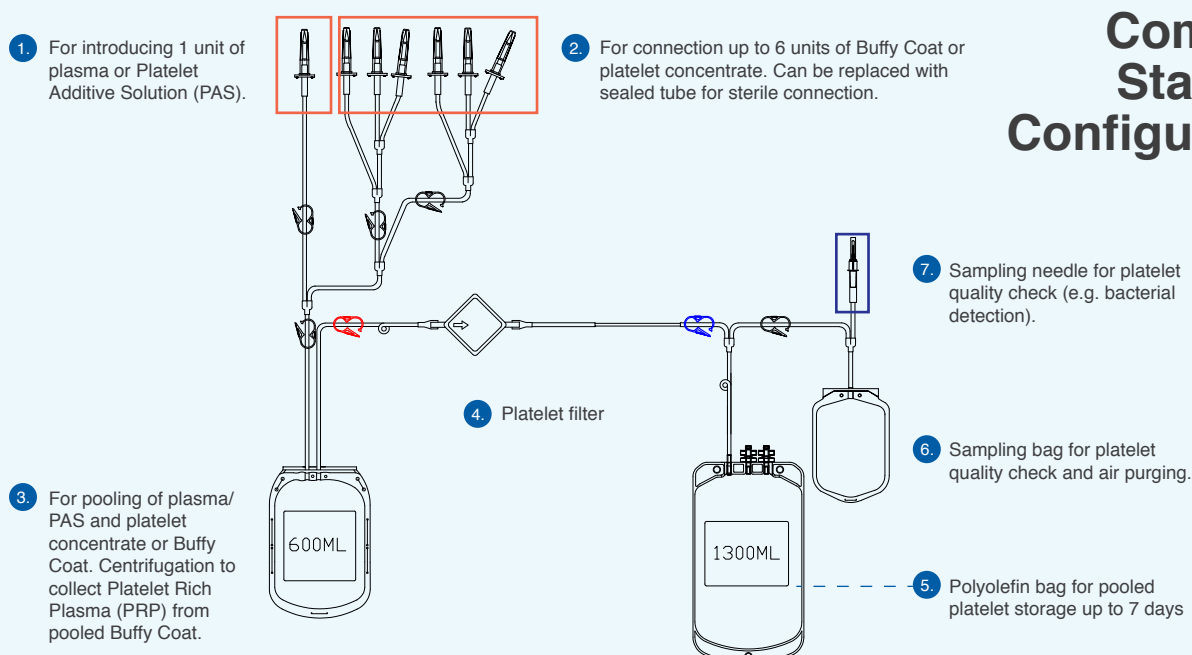
LEUKO-REDUCED PLATELETS POOLING & STORAGE SYSTEM

JMS Leukoreduction for Pooled Platelet and Storage system is carefully designed to fulfil complex needs for platelet concentrates preparation and storage. JMS provides the flexibility of preparing pooled platelets from 4-6 units of whole blood derived platelet concentrate or buffy coat, and 1 unit of plasma or platelet additive solution (PAS), with an option to add leukocyte reduction filter before storing in highly permeable storage bag.

Features:

- a. A sterile system for up to 6 connectors for platelet pooling.
- b. Integrated with efficient leukocyte-reduction filter.
- c. Highly gas permeable Polyolefin storage bag up to 7 days storage.*
- d. Sampling bag for ease of laboratory testing.

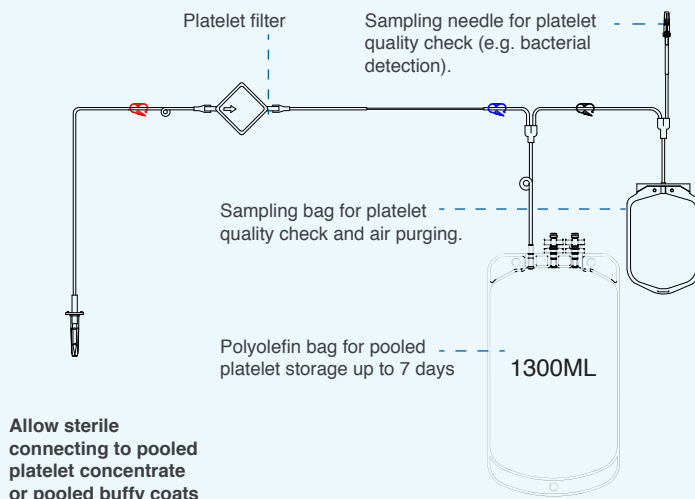
Complete Standard Configuration



*The maximum storage time for platelets is 5 days, but storage may be extended to 7 days, in conjunction with detection or reduction of bacterial contamination and depending on the type of additive solution (if applicable).

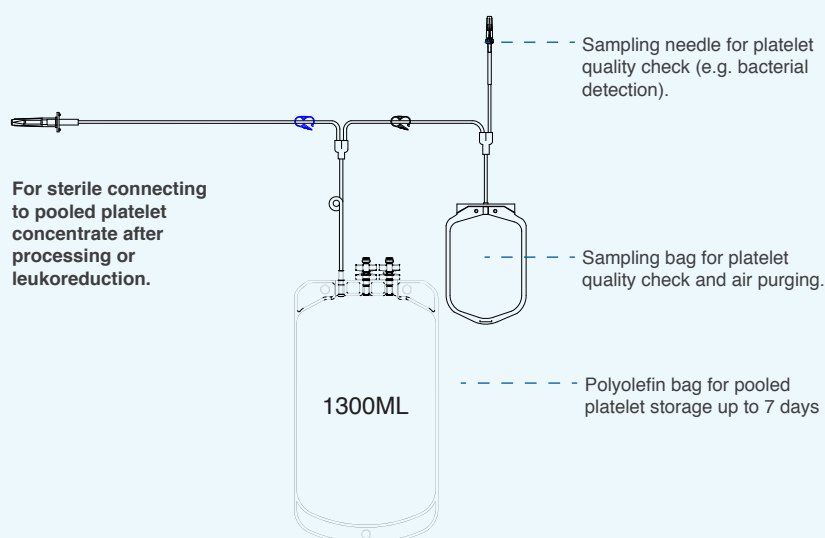
Platelets Filter with Storage Bag (Polyolefin)

Designed to allow sterile docking pooled platelet concentrates for leukoreduction prior to final storage. Platelet concentrate units can be setup in a train-system for maximum recovery of platelet concentrates prior to processing and leukoreduction.



Pooled Platelet Storage Bag (without Filter)

JMS Pooled Platelet Storage Bag is designed with 1300ML bag capacity, sampling bag and a sampling needle. It is simple and easy to use, allowing final storage of platelet concentrates and the convenience of sampling the content for quality check.



USAGE CONDITIONS

Whole Blood Storage Period	< 24 hrs at 20 – 24°C
No. of Buffy Coat Units	4 – 6 units
Filtration Temperature	22 ± 2°C
Filtration Method	Gravity or Extractor

PERFORMANCE

Residual WBCs with PAS	< 1 x 10 ⁶ / unit
Platelet Content at end of storage (Day 8)	≥ 2 x 10 ¹¹ / unit
pH (37°C) at end of storage (Day 8)	> 6.4
Filtration Time	< 20 minutes at room temperature



The Bridge to Good Health Care

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