

Solutran[®]hemo BLOOD bags

by Meditalia

your solution

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For human blood and blood components

Summary table of performances of MEDITALIA blood bags for the collection of 450 ml of blood

ITEM	TEST RESULT
Resistance to centrifugation (5,000 g x 10 min)	No leakage, no distortion
Resistance to stretch (20 N for 5 seconds)	No breakage, no deterioration
Leakage (67 kPa for 10 min)	No loss in walls, seals and joints
Emptying under pressure (40 kPa internal pressure)	Completed in 40 sec (requirement <2 min)
Speed of filling (9.3 kPa pressure)	Completed in 2.5 min (requirement <8 min)
Resistance to temperature variations (from -80 to +50 °C)	Full compliance with tests for resistance to centrifugation, resistance to stretch, leakage, emptying under pressure and speed of filling
Transparency (opalescent solution with absorbance = 0.4)	Easy appreciation of turbidity
Red cell hemolysis at the end of storage (42 days)	≤0.3%; n=3
Optimal pH of platelets after 7 days of storage	6.88 - 7.12; n=3



Set for human blood and blood components collection

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Non reopening clamp

Safety system to guarantee the isolation of the sampling bag after filling.



Color coded clamp

Allows the identification of the different kind of clamp.



- Flexible blood collection tubes
- Efficient transfer of blood components into the different containers

Break off part

- Easy clip-tip fracture



Safety sampling bag

Useful container for the collection of contamination free pre-donation sampling for laboratory testing.

Vacuum blood connector needle

- Reduces potential exposure of the sampling needle during the handling.
- The safety hinged cover isolates the sampling needle from direct exposure.



Blood donor needle and needle protector

- High quality and consistent performance Japanese needle technology.
- Silicon coating on internal and external surface of cannula.
- Protection of the needle to reduce the risk of needle stick injury.



Label

- PVC material
- Tamper proof
- Convenient to write on

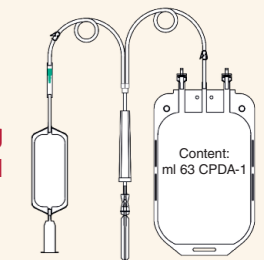
- Optimal flexibility and transparency of the plastic material
- Excellent handling characteristics.

Optimal gas permeability

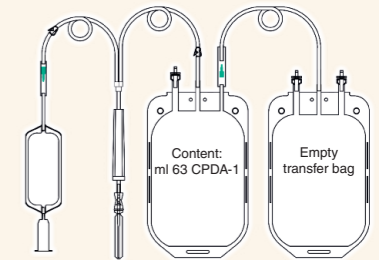
Average oxygen permeability of Solutran Hemo[®] plastic bag for platelet storage,
 O_2 TR = 680 cc/m²•24h•atm; CO_2 TR = 10205 cc/m²•24h•atm.
 Test carried out in compliance with the European Pharmacopoeia.

All configurations are available:
 - with or without a 40 ml pre-donation "safety sampling bag"
 - with or without needle protector

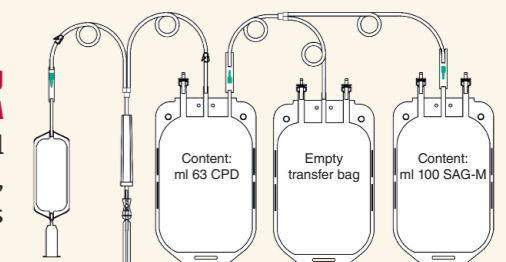
Single blood bag containing CPDA-1



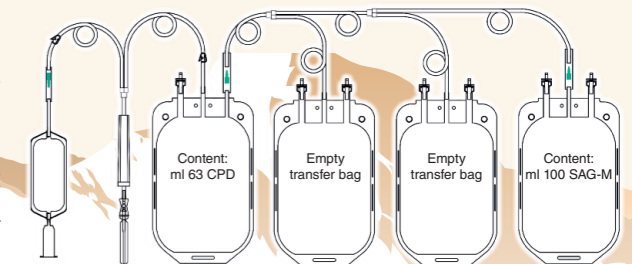
Double blood bag containing CPDA-1
 It can be used to prepare red blood cells and plasma



Triple blood bag containing CPD and SAG-M
 It can be used to prepare red blood cells, plasma and platelets



Quadruple blood bag containing CPD and SAG-M
 It can be used to prepare buffy-coat depleted red blood cells, plasma and buffy-coat (which can be used to prepare platelets)



CPDA-1: citrate, phosphate, dextrose, adenine
CPD: citrate, phosphate, dextrose
SAG-M: sucrose, adenine, glucose, mannitol