

	"UK Hemosep"	"Fresenius CATS"	"Haemonetics Elite"	"Haemonetics US Cell Saver 5/5+"	"Medtronic - Autolog"	LivaNova - XTRA
<b>End Product</b>	"Red Blood Cells Platelets White Blood Cells Clotting factors"	Red Blood Cells	Red Blood Cells	Red Blood Cells	Red Blood Cells	Red Blood Cells
<b>Standard Processing Speed (Ml/Min)</b>	20 min for HCT 35-40%	"Continuous Flow 35ml/Min"	"Discontinuous Flow 300-500 ml/Min"	"Discontinuous Flow 300-500 ml/Min"	"135ml RBC produced in 3 Mins or 1500ml fully processed in <15 Mins"	"25-37 ml/min of RBC produced de- pendant on Bowl Size"
<b>Collection Reservoir Capacity</b>	3 Litres	3 Litres	3 Litres	3 Litres	4 Litres	4 Litres
<b>Recommended Anticoagulant</b>	"Heparin"	"Heparin"	"Heparin"	"Heparin"	"Heparin"	"Heparin"
<b>Anticoagulant Strength</b>	"30,000iu in 1l of NaCl 0.9%"	"30,000iu in 1l of NaCl 0.9%"	"30,000iu in 1l of NaCl 0.9%"	"30,000iu in 1l of NaCl 0.9%"	"30,000iu in 1l of NaCl 0.9%"	"30,000iu in 1l of NaCl 0.9%"
<b>Anticoagulant Rate</b>	1 Drop per Sec				"15ml of Solution to 100ml Blood"	1 Drop per Sec
<b>Minimum Processing Volume</b>	No Minimum Fill Volume	30ml		"400-800ml (Dependant on Bowl Used)"	"Dependant on Input blood HCT e.g 25% min volume 550- 600ml"	"35ml for 55ml bowl (Different Bowl Sizes Avail)"
<b>"Standard Wash Volume (ml Saline / ml Blood)"</b>	"0 (100ml NaCl used for priming)"	"Ratio of 1:1 or 7:1 Dependant on Wash Programme"		"300 - 1000ml (Dependant on Bowl Used)"	"250ml - Uses pulsations of NaCl determined by sensor to keep wash volume low"	60-100ml
<b>Average Hct</b>	35-40%	Constant 65%	>40%	50-60%	>50%	"60-65% 50% PFat Mode 60% PSTD Mode"
<b>Standard Washing Efficiency</b>	"Does not Wash but filters blood. Retains a % of the Plasma Heparin"	">95% 100% Fat Removal"	>95%	>95%	>90%	">95% 99% Fat Removal in PFat"
<b>Centrifuge Speed</b>	No Centrifuge	1440-2400 Rpm	"Latham Bowl:5650 Rpm Blow Moulded Bowl: 7500Rpm Sequestration: 2050:5650 Rpm"	2050-5650 Rpm	"0-10,000 Rpm Uses moderate G-Force to minimise Haemolysis"	1500-5600 Rpm
<b>Integral Vacuum Pump</b>	No	Yes	Yes	No - Optional Extra	Yes	Yes
<b>Bowl Automatic Recognition</b>	Not Applicable	Not Applicable	Yes	Yes	Not Applicable	Yes
<b>Data Management System</b>	No	Yes	Yes	Yes	No	"Yes Available Printers"
<b>Sterilisation / Expiry</b>	EO	EO 3 Years		EO 5 Years	EO 3 Years	EO
<b>Filter Pore Size</b>	"Defoamer 40µm and 100µm"	120µm or 40µm	150µm or 20µm	150µm	40µm or 20µm	"Defoamer 40µm and 120µm"
<b>FDA Information</b>		"Registered By  Fenwal Inc Reg No 3004548776  Fresenius Homecare GMBH Reg No 3004634229"	"Registered by  Haemonetics Corp Reg No 1219343  Haemonetics Mexico Reg No 9617787"	"Registered by  Haemonetics Corp Reg No 1219343  Haemonetics Mexico Reg No 9617787"	"Registered by  Medtronic Inc Reg No 3009380063  MedTronic Perfusion Systems Reg No 2184009  Medtronic Mexico Reg No 9617787"	"Registered by  LivaNova Deutschland Reg No 9611109"

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