

AUTOMATIC BLOOD COMPONENT SEPARATOR



HXF-D01

Product Introduction:

This device separates plasma and red blood cells from centrifuged blood bags. It uses a pressing system and optical detection system (which can identify the interface between red blood cells, plasma, and buffy coat) to transfer plasma into an empty plasma bag, then adds a preservation solution to the red blood cell bag.



Blood Bag
(after centrifugation)
(Yellow = Plasma, Red = Red Blood Cells)

Preservation Solution Bag

Empty Plasma Bag
(for separated plasma)

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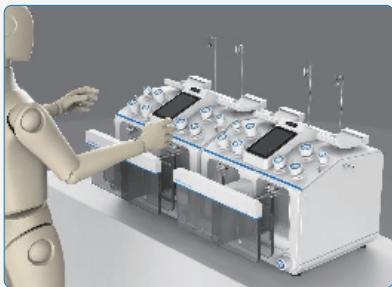


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➤ Five Key Selling Points



The Most Efficient Space Saving
Combine two separate units in one housing



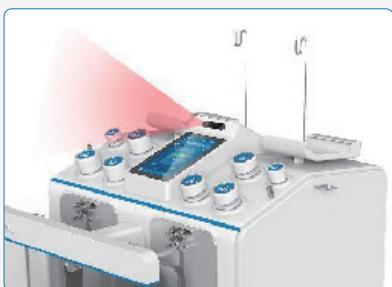
Light Indicator



Independent Dual Stations

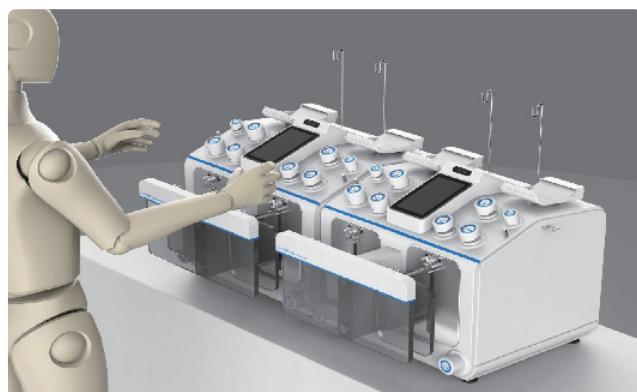


Automatic Plug Removal & Air Exhaust



Facial Recognition

➤ The Most Efficient Space Saving



Solves the issue of one person operating 2-3 machines simultaneously

Efficiency increase:
+20%

➤ Light Indicator



10 clamps with light indicators showing process status and fault positions

Efficiency increase:
+5%

	No tube inserted-No light		Tube clamped successfully – Blue light
	Clamping (blocking) status – Cyan light		Heat sealing successful – Green light
	Abnormal alarm status – Red light		/



Independent Dual Station – Flexible for Various Blood Bag Sizes

Independent operation on both sides; supports 200ml, 300ml, and 400ml blood bags.

Automatic Plug Removal & Air Exhaust

Equipped with an automatic plug-removal device system (whole blood bag&preservation solution bag)

Equipped with an electric air exhaust system (plasma bag)



Facial Recognition

Quick login via facial recognition; automatically records staff info during operation—easy traceability



Product Comparison



Haier Biomedical



LMB



Fresenius



BMS

Model	HXF-D01	LUXOmatic	CompoMat G5	TWiN6920
Separation Speed	50s/bag	60s/bag	80s/bag	70s/bag
Heat Sealing Heads	10	10	6	10
Auto Plug Removal	yes	no	no	yes
Auto Air Exhaust	yes	no	no	no
Control System	Dual system	Single system (only one type of bag)	Single system	Dual system
Facial Recognition	yes	no	no	yes
Space Saving	yes	yes	no	yes
Light Indicator	5	2	none	1