

XJ-III Plasma Separator



XJ-III intelligent plasma separator uses modern advanced computer automation blood processing and separation technology, peristaltic pump blood transport technology and blood processing safety monitoring technology to separate and collect plasma components in human blood, including fresh blood and clinical fresh frozen plasma.

The separator consists of the main unit (centrifuge, blood pump, anticoagulant pump, plasma scale, display screen, air detector, pressure monitor, control panel) and pressurized cuff, and data interconnection system. The collection information was recorded in real time in the device and uploaded to the management system after the collection.

Qingdao Haier Biomedical Co., Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266111, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com



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@haiermedicalint

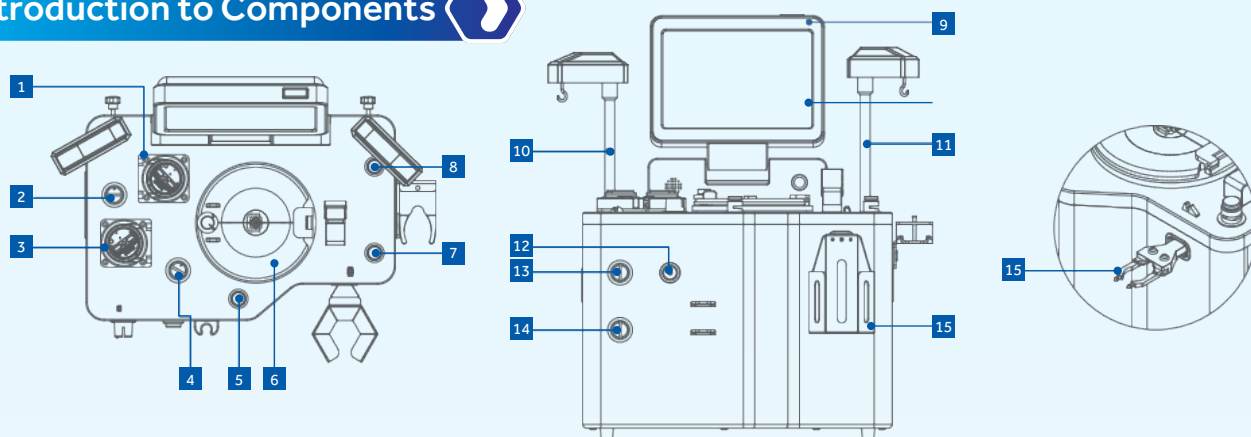


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Introduction to Components



- 1: Anticoagulant Pump 2: Anticoagulant line air detector (ACAD) 3: Blood pump 4: Blood tubing air detector 5: Blood valve 6: Centrifuge
7: Plasma valve 8: NaCl valve 9: Control panel 10: Anticoagulant rod (AC rod) 11: NaCl rod 12: Donor pressure monitor (DPM)
13: Donor line air detector 1 (DLAD1) 14: Donor line air detector 2 (DLAD2) 15: Weigher



Easy to Operate:

Guide-way system guides the whole process of operation, also monitors whether all consumables are correctly installed. Automatically complete the writing and uploading of consumables and collection information.



Intelligent Adjustment:

Blood can be collected through peripheral veins. The blood pump adjusts the speed of collection according to the change of DPM.



Security Assurance:

Four air detectors are configured to prevent air embolism, pressure monitoring for real-time patient safety. In case of power failure, data is automatically recorded and the recovery program is automatically entered after power supply to ensure that the collection continues smoothly.



Quality Assurance:

The RBC overflow monitor prevents red blood cells from flowing into the plasma collection container and improves the quality of plasma.

Specifications

Input Power (VA)	500
Input Voltage (V/Hz)	110-240~50/60
Rated Speed of Centrifuge (r/min)	6000~7500
Communication Interface	RJ-45, USB
Measurements (g)	0-1000
Work Environment	Ambient Temperature 10~30°C, Relative Humidity Less than 85%
Net Weight (kg)	26±2
Exterior Dimensions (W*D*H)(mm)	480*370*720