

# Plasma Apheresis System



XJ-III Plasma Apheresis System 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 relevant data of plasma collection process can be uploaded to blood source management system in real time.

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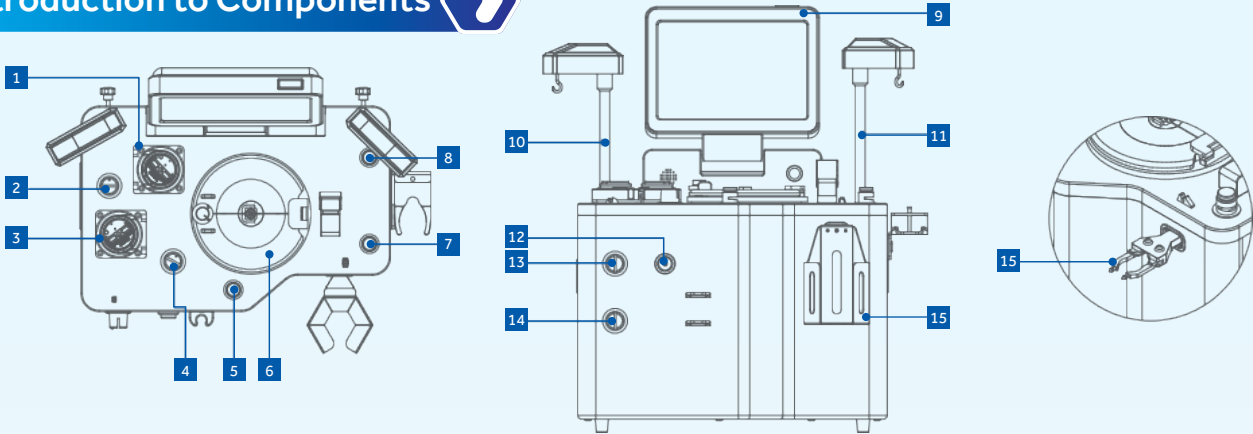


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## Introduction to Components



1. Anticoagulant pump 2. Anticoagulant tubing air detector 3. Blood pump 4. Blood tubing air detector 5. Blood valve 6. Centrifuge  
7. Plasma valve 8. Saline valve 9. Display Screen 10. Anticoagulant bracket 11. Saline water bracket 12. Blood line pressure monitor  
13. No.1 Air detector for the pipe 14. No.2 Air detector for the pipe 15. Plasma bottle stand (optional)



### 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 can automatically adjust the collection speed according to the changes of blood flow in patients, which has little influence on blood flow velocity.



### 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 reduces red blood cell waste while ensuring the quality of plasma collection. The pump head roller and pump housing gap are automatically adjusted to ensure stable flow and effectively protect blood cells from damage.

## 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                                                  |
| Certification                     | MDR                                                          |