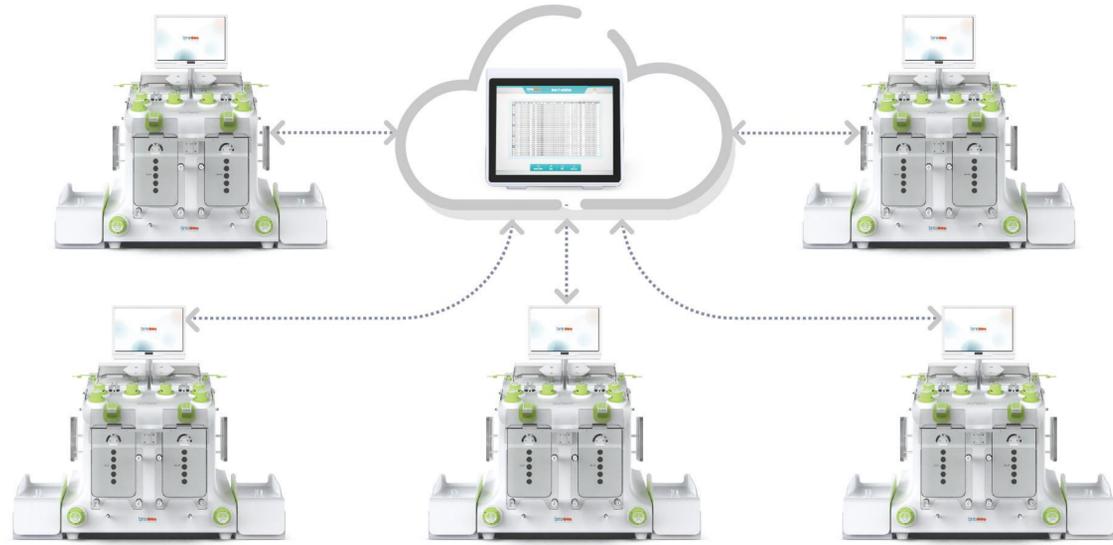


bms Smart Blood Separator TWiN6920-smart

Bidirectional Data Management

Collect and Analyze Statistical Information - Remote Software Upgrades



bms export worldwide - the first manufacturer in China pass the European Medical CE Certificate

Data Management

TWiN6920-smart - for Blood Separation

bms Striving For Excellence

10-Inch Operating Screen

TWiN6920-smart Technical Information

Device type	TWiN6920-smart
Screen size	10 inch
Dimension	600mm*550mm*850mm
Weight	65kg
Voltage	100-240V
Rated Current	3.0A
Frequency	50/60Hz

- ✓ Improved Cost-effectiveness
- ✓ Better Performance
- ✓ More Productivity



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bms
Innovation in bloodcare technology

bms Offers Efficient Solution For Wholeblood Separation Player In China And Globally

Applicable to top/top; top/bottom blood bags

10 Technical Advantages

Improved Cost-effectiveness

Better Performance

More Productivity



ISO13485



ISO 9001



CE certificate for export

Patents:
 No. ZL 201611266711.9
 No. ZL 201621485053.8
 No. ZL 201710047588X
 No. ZL 201720081541.0
 No. ZL 201710047587.5
 No. ZL 201720081524.7
 No. ZL 201710178504.6
 No. ZL 201720289869.1
 No. ZL 201711198052.4
 No. ZL 201711198040.1
 Innovation patents

1 Facial Recognition - Automatic Login

Facial recognition ensures that only authorized personnel can access the device, reducing the risk of unauthorized use. Compared to traditional authentication methods, facial recognition offers a more efficient login experience.

2 Dual-Color Audio-Visual Alarm

The screen frame is equipped with a dual-color alarm light. In the event of a fault or abnormality, the system immediately issues an audible and visual alarm.

3 Ten Blood Bag Tube Clamps

Equipped with 10 blood bag tube clamps, each clamp has a heat-sealing function and built-in tube sensors to monitor correct tube placement. The built-in stepper motor ensures secure clamping, providing reliable tube sealing.

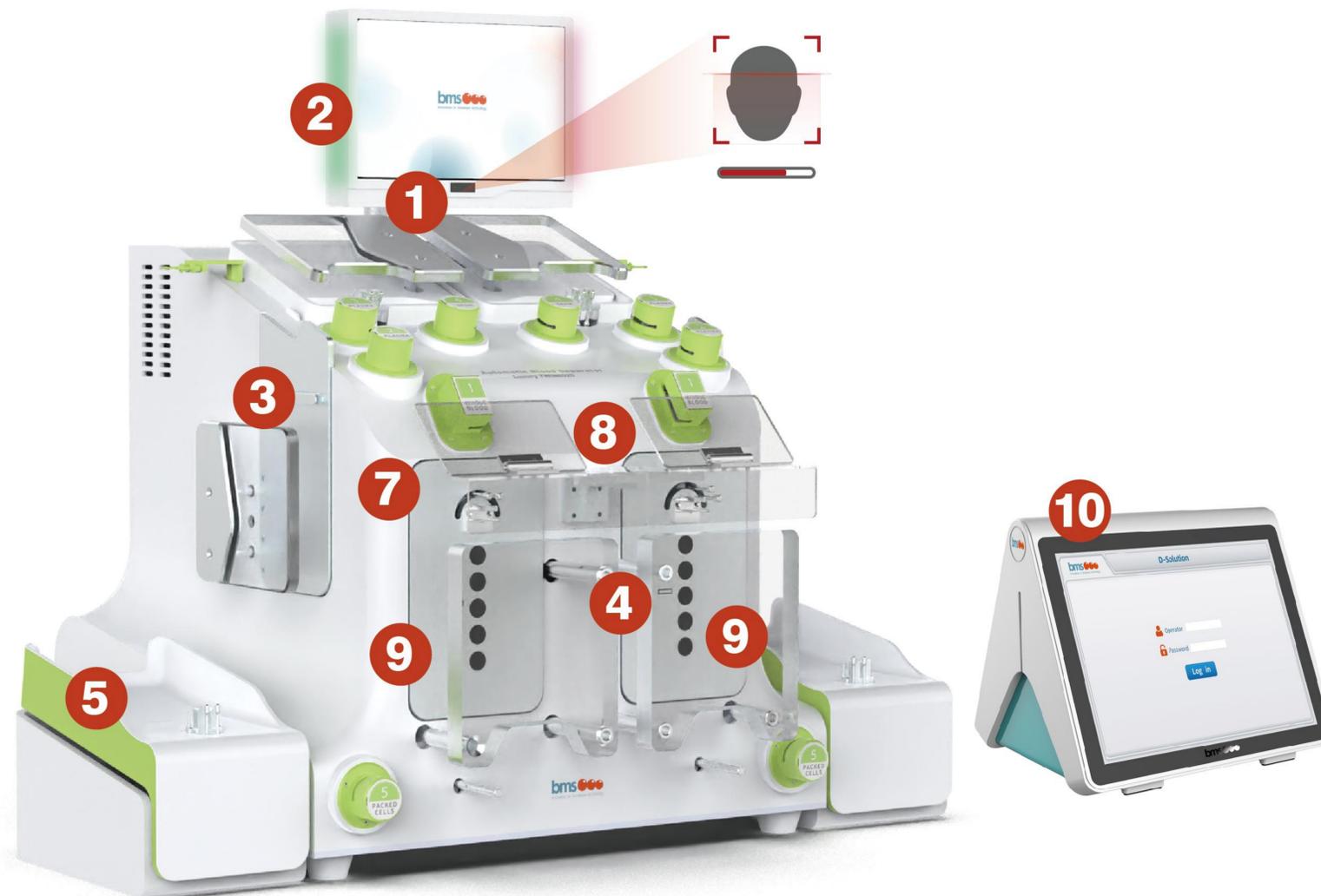
4 Two Pressure Sensors

The primary bag extrusion plate is equipped with a pressure sensor to monitor extrusion pressure, preventing the blood bag from being squeezed out by excessive pressure, while the pressure feedback and the extrusion plate form a closed-loop control, so that the separation efficiency of the same kind of technology can be increased by more than 30%.es.

5 Eight Precision Weighing Modules

Mother Bag Weighing Unit: Displays real-time weight changes during blood separation, showing a smooth reduction with precise accuracy at all times (Patent No. : CN202222310652.8)

Plasma Weighing Unit: An integrated, independent structure for active plasma extrusion and weighing, preventing measurement errors caused by tube contact with the device casing.



6 Efficient Separation

400 ml Whole Blood, Plasma Separation Without Air Release: Approximately 1 min 20 sec
 400 ml Whole Blood, Plasma Separation with Air Release: Approximately 1 min 30 sec
 400 ml Whole Blood, ≥ 80 Bags per Hour

7 Six Automatic Breakers

Automatic breakers use ergonomic principles to simulate hand movements, automatically opening the tube, reducing manual intervention, and minimizing operational errors.

8 Two Dual-Core Control Systems

Innovative left-right dual-machine structure allows simultaneous processing of two blood bags, enhancing separation efficiency.

9 Twelve Optical Sensors

The device includes 6 optical sensor sets on each side, totaling 12 sets.Used for mother bag liquid level detection, allowing the device to adjust compression speed in response to level changes, ensuring efficient and high-quality separation.

10 Data Management

The device works with the D-solution data management unit, connecting to the blood separator to capture data such as barcodes, extraction time, and blood bag weight, storing it for record-keeping. D-solution can generate data lists for analysis, allowing managers to record, analyze, and trace blood separation data effectively.

bms Is Dedicated To Innovation For BCT CGT And BP