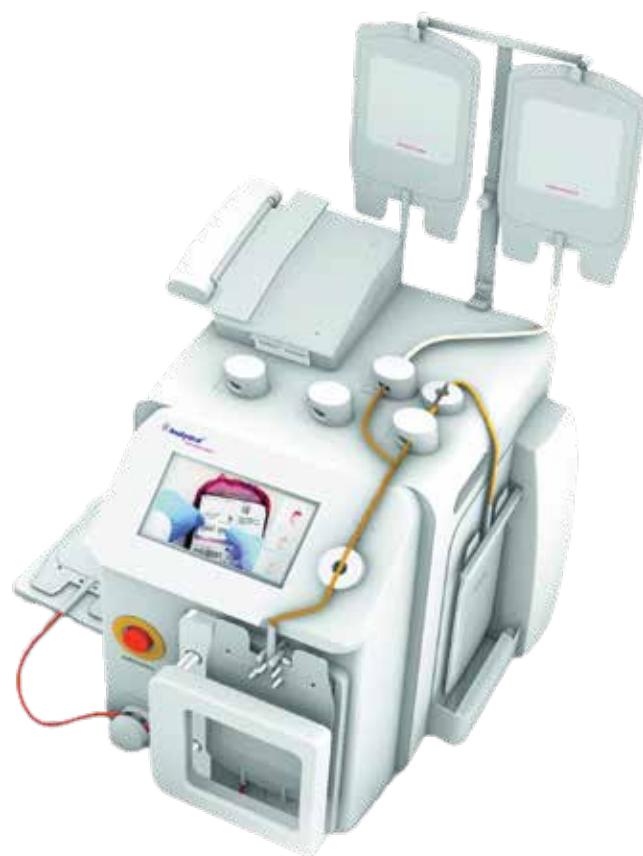


3000 Series

Automated Blood Component Extractor



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

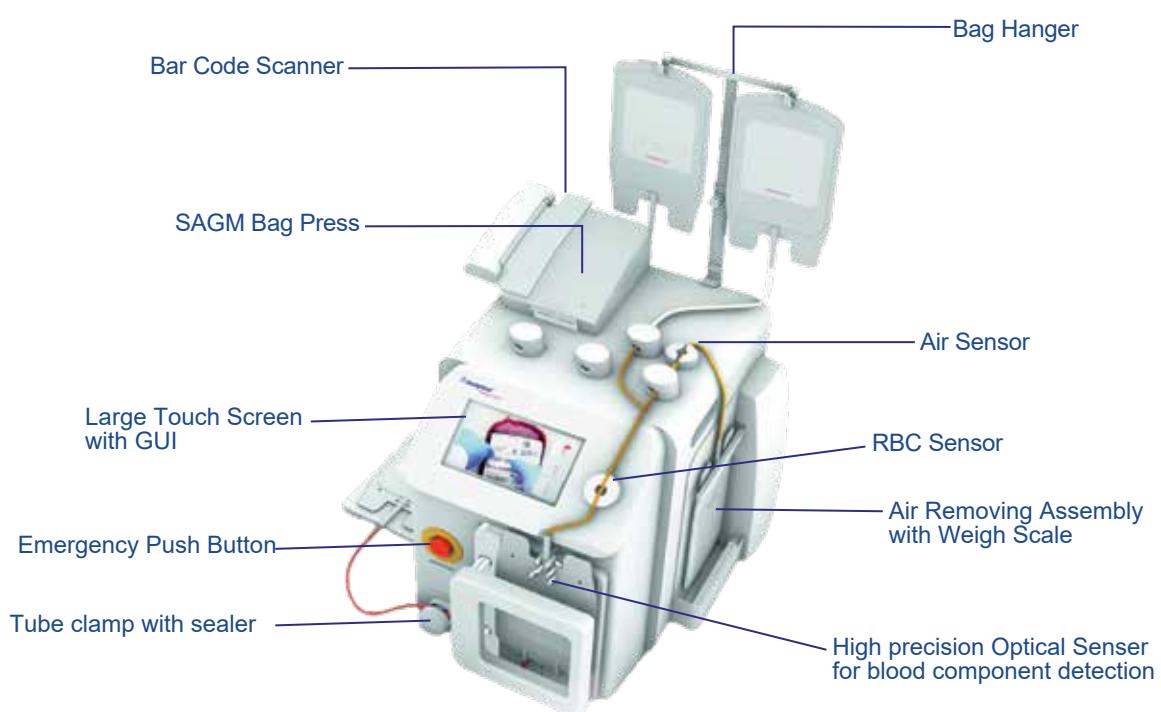
www.analyticalgroup.net

Realizing customer needs, 3000 series is providing healthcare solution. 3000 series Automated Blood Component Extractor is a new generation machine which is used to extract the blood components from centrifuged blood. 3000 series extracts the blood components with the help of sensors which can sense the density of the fluid and accordingly control the flow of blood components from one bag to the other. It can provide Leuko-reduced Blood Components.

Evidently 3000 series machine has better accuracy in separating the blood components over the manual or semi-automatic machines, as the optical sensors are used in the process. Considering the Blood Bank's initiatives to upgrade the health facilities, we are offering Top & Bottom bags along with fully Automated Blood Component Extractor 3000 series to prepare quality blood components through Buffy Coat method. Also in the same time it can be used for Top and Top bags.

Ultimately:

- Maximise Blood Component Yields with high precision sensor based technology
- Experience Seamless Work flow Integration with TAB and TAT compatibility
- Automatic computation of component weight and volume to optimise record keeping.

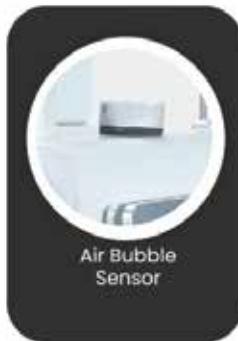




3 Nos Weighing Scales to weighing whole blood & components



2 Nos Automatic Breakaway Valve Breaker



Air Bubble Sensor



5 Nos Tube Clamp With Sealer



Large Touch Screen With Graphical UI

Technicale Specification

Generic Name	Automated Blood Component Extractor
Model	3000 series
Intended use	Processing of centrifuged whole blood into its components
Display Type	7" Touch screen display for process monitoring and controlling. Elaborated instruction display on user interface for ease of operation
Separation procedure	Automatic
Inbuilt processes	Auto separation of RBC & PPP, Platelets, PRP from all types of Top and Bottom and Top and Top bags.
Pressing force	Pressure Sensor controlled
Sensor Nos	Array consisting of 8 sets of optical IR sensors, 1 RBC sensor, 1 Air Sensor
Sensor Type	Optical color chromatic type
Tube clamp with Sealer	5 Nos tube clamp with inbuilt RF Sealer
Weighing System	3 Nos. weighing system for weighing of whole blood and components
Loading and Unloading of bags	Manual
System controlling	Microcontroller based controlling System
Features	<ul style="list-style-type: none"> Efficient sensor system ensures very precise level control to get maximum recovery of various blood components. No Compressor required. Motor driven press mechanism with pressure control mechanism for smooth separation process by keeping component layer stable. Provided with automatic air removal from plasma bag Bar code scanner for recording bag and user ID. Ergonomic & sturdy design
User manual and Warranty Card	Provided
Data recording and Storage	Data back up in Pen drive

ELECTRICAL SPECIFICATIONS

Input Power Supply/Voltage	200-240 V AC
Power frequency	50HZ
Fuse	2 A
Power consumption	150 W
Motor	24 V, 120 W, 5 A
Electrical Safety compliance	IEC 60601-1
Power Cord	3 wire 2 Mtr long cable with molded 3 pin plug

OPERATING PARAMETERS

Operating Temperature	10°C to 50°C
Operating Humidity	Non Condensing relative humidity 15-90%
Working Atmosphere	Ambient to be free of dust and flammable of explosive gases

STORAGE CONDITIONS

Storage Temperature limits	0°C to 40°C
Storage Humidity	Non Condensing relative humidity 15-90%
Atmosphere	Ambient to be free of dust and flammable of explosive gases. Store away from rain and direct sunlight.

MECHANICAL SPECIFICATIONS

Length	470+/-10 mm
Width	440+/-10 mm
Height	525+/-10 mm
Weight	Approx. 38 Kg.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



LCMS



Automated Prep-Flash Chromatography system



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



UHPLC



HPTLC



Ion Chromatograph



Production HPLC



HPLC



Column



DLS



Water purification system

►► Regulatory compliances



►► Corporate Social Responsibility

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1. Research & Innovation Scientist's awards & International Conference visit sponsorship / QC Professional Awards:

Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research /testing/ publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

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