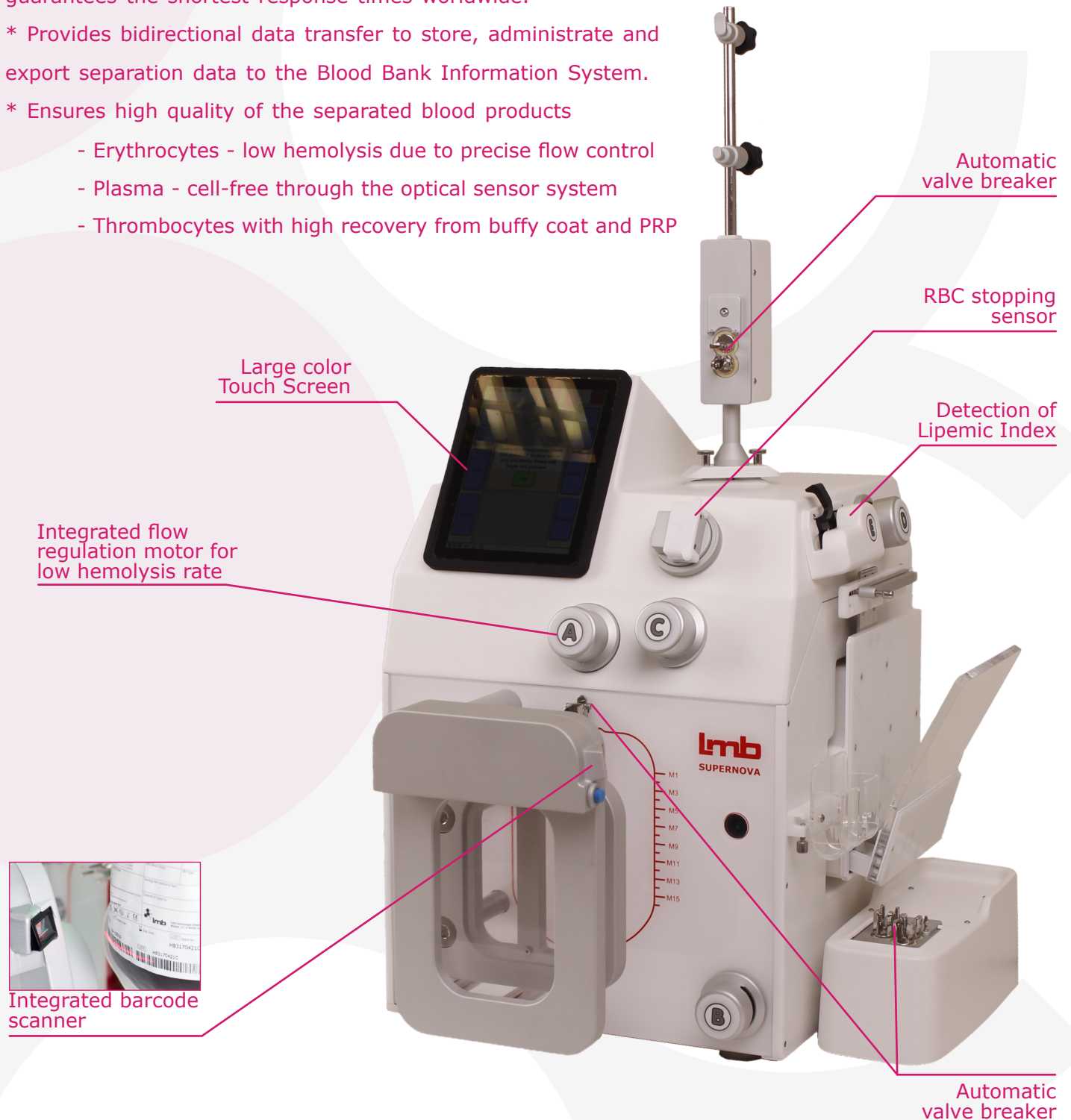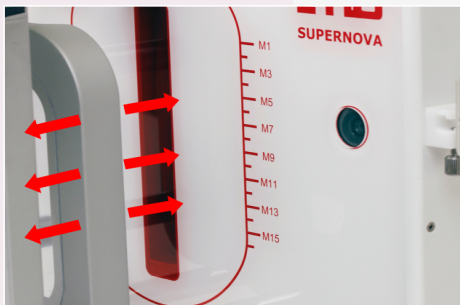# SuperNOVA

lmb

quality has a name

Sophisticated motor driven blood component separator

* Processes all blood bag systems (Top/Top and Top/Bottom) with or without inline filters on the market, including pediatric bags

* Contains an unlimited number of programs, fully optimized according to the customer's applications.

* Features remote access for diagnostics, maintenance, repairs, software and program updates guarantees the shortest response times worldwide.

* Provides bidirectional data transfer to store, administrate and export separation data to the Blood Bank Information System.

* Ensures high quality of the separated blood products

- Erythrocytes - low hemolysis due to precise flow control

- Plasma - cell-free through the optical sensor system

- Thrombocytes with high recovery from buffy coat and PRP

Automatic valve breaker

RBC stopping sensor

Detection of Lipemic Index

Large color Touch Screen

Integrated flow regulation motor for low hemolysis rate

Integrated barcode scanner

Automatic valve breaker

Double press system

Illumination ring

Automatic tube detection

Standard features

* 4 precise balances for all blood products.

* 5 self-adjustable sealing clamps

* 4 adaptive optical sensors, for RBC detection (2 main and 2 safety sensors) for all tube types and all colors of plasma and RBC.

* 16 adjustable high resolution sensors for HCT detection, and Buffy coat monitoring covering whole blood bag.

* Color touch screen with guidance mode for a low probability of user mistakes

Specifications

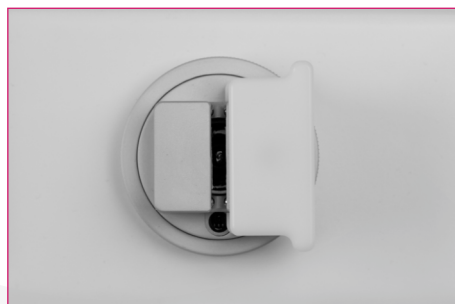|			
Power Supply	100-240 V AC 50/60 Hz	**Flow regulation**	Yes
Dimensions	with accessories: 564(W), 920(H), 554(D)mm	**Data Transfer**	LAN
Weight	with accessories: 30 Kg	**Calibration**	Auto calibrating optical sensors for detecting red cells and plasma
Balances	4		
Sealing time	2 - 5 sec.	**Pressing plate**	Low noise, excellent end volume $\pm$2g, HCT 1%

Optional add-ons

* Side press for automatic air extraction out of plasma

* Integrated barcode scanner, or/and external barcode scanner

* 4x automatic valve breakers for all products and adjustable for any blood bag types

* Special RBC stopping sensor, to increase platelet recovery rate.

* Documentation camera; records pictures of blood bags in a data base with data export

* Splash guard-operator protection against blood spills from broken blood bags and tubes

* Lipemic sensor; storing Lipemia Index in data base with data export. Used to identify and control Lipemic Plasma.

Automatic valve breaker
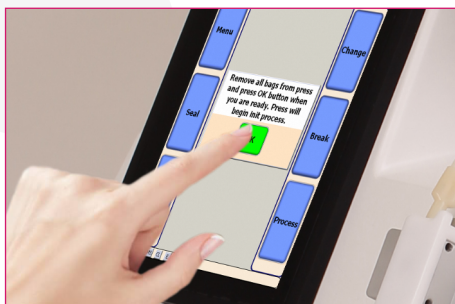
Clear view and intuitive animated user navigation

RBC Stopping sensor