

# LUXOmatic

## dual press system



Space saver and adaptable system for individual applications



Barcode scanning through pressing plates



Calibration of the balance



Double press system

### Features

- Blood separation on two places at the same time
- For the separation on an industrial scale
- Highest separation quality of whole blood
- Distance diagnosis and operation integrated – Possibility of remote maintenance, diagnosis and repair worldwide
- Selfadjusting sealing heads for each tube material or bag system
- Adaptive colormatic sensors for all different types of plasma, blood components and tube material
- LAN data transfer, network capability, integrated data storage and management, data connection
- Colour touchscreen with intuitive user navigation
- Control of optimum flow regulation for low hemolysis rates
- Multifunctional double press system with 4 bag press places, usable also for one process (baby blood separation)
- Open system for each type of blood bag
- Freely programmable application processes
- 6 balances for whole blood, plasma, red cells and buffy coat
- Safe and ergonomic work processes. Treatment of two bags of one centrifuge beaker directly on one device (holder optional).
- Ergonomic design for your operating cycle
- Automatic pressing of air out of the plasma bag (option).
- Integrated side balances, can be used as laboratory balances.
- Price and room advantage, as two devices are integrated in one housing
- Barcode reader connectable
- Smart label technology / RFID (option)

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### Process integration and operation

- All 4 separation places usable in different combinations
- Use of a clear and well-arranged colour touchscreen
- Visual simulation of the user programmes for shortest period of user training
- Safe and ergonomic work processes. Treatment of two bags of one centrifuge beaker directly on one device
- Automatic separation of baby blood bags
- LAN data transfer, network capability, integrated data storage and management, data connection
- Conversion of Gramm to Milliliter

### Blood products of highest quality

- Red cells – treated carefully and smoothly
- Plasma – cell free due to the best sensor system
- Thrombocytes – high recovery due to the special sensor system
- Perfect for inline filtration application

### Precise separation of blood components

- Quick blood separation process and high recovery of thrombocytes
- Precise treatment of all Top/Top and Top/Bottom processes
- CRYO application and thrombocytes from Buffy Coat and PRP
- Adaptive colormatic sensor system for best possible distinction between red cells, thrombocytes and plasma
- Precise mechanics for long endurance



Self adjustable sealing clamp for all kinds of



Sealing and holding clamp



Sensor system

### Technical Data

Power supply	220V (+/- 10%) 50/60Hz single phase AC
Dimensions	660 x 370 x 500mm
Weight	45 kg
Balances	6
N° of sealing heads	8 + 2
Sealing time	0,5 - 5 sec.
Flow regulation	From 0 to Maximum
Data transfer	LAN/WLAN
Sensor system:	
Reading performance for red cells in mother bag	2x6 sensors in a row
Sensors in sealing heads	4 pieces



Automatic valve breaker

