FRESENIUS KABI

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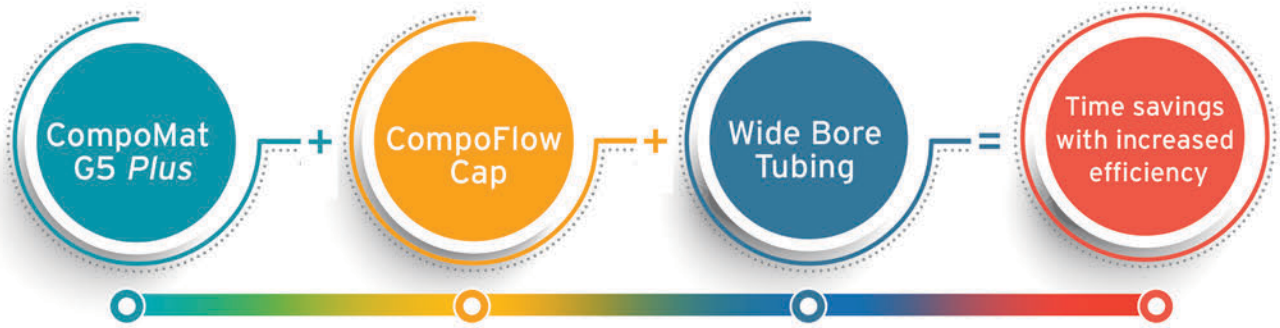
# CompoMat® G5 *Plus*

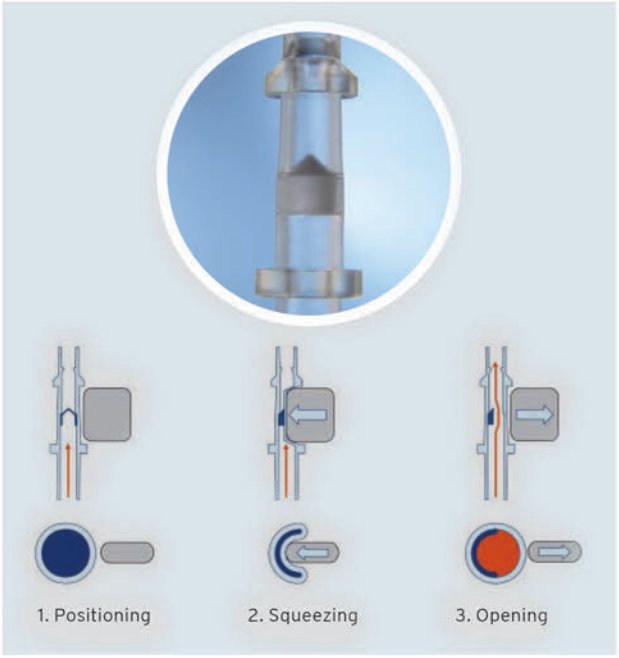
## The latest generation of automated blood component separators

The CompoMat G5 *Plus* standardizes blood component separation by combining the innovations of the CompoFlow closure device and wide-bore tubing for faster top and bottom separation.

- Flexibility to work with all blood bag types on the market
- Maximised efficiency
- Reduced risk of RSI and hemolysis
- Advanced technological platform
- Exchangeable modules for automatic breaking of standard blood bag breaker cannulas

# The CompoMat G5 *Plus* combines innovations into one system for a faster top and bottom separation time than with standard tubing



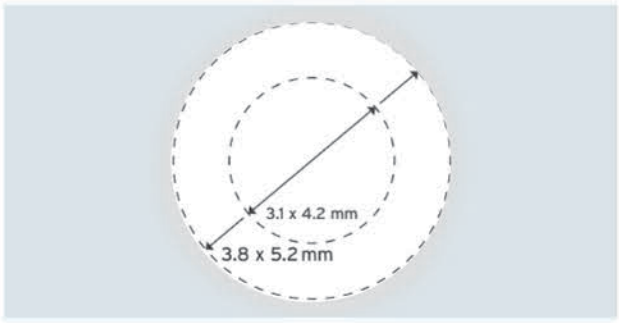




## CompoFlow® cap principle

The traditional bag breaker is replaced by a patented cap, automatically squeezed by the CompoMat G5 *Plus* opener.

**Advantages of the CompoFlow bag system:**

- Standardized positioning, squeezing, and opening of the CompoFlow cap; fully automated[2]
- Special form coding prevents application errors[1]
- Reduced risk of hemolysis due to incorrect processing is especially attributed by standardization of the breakaway opening process[1]
- More operator comfort[2]




## Wide bore tubing

**Advantages of wide bore tubing:**

- Average separation time with Top and Bottom system typically ≤ 2 minutes[9]
- Large diameter reduces processing time up to 26%[10]
- Low hemolysis rate[9]

Please refer to the references provided on the back page.

# CompoMat G5 *Plus*

## Designed for easy handling


**Exchangeable modules**

- Automatic breaking of standard breaker cannula for even more flexibility

**Plasma balance**

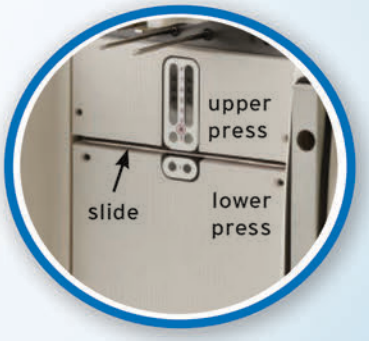
- Automated weighing and air removal
- Auto-tare function
- Shortest tube length ‹ 3 cm

**Movable sealing heads**

- Integrated optical and adjustable sensor
- Movable lids
- Reliable high frequency sealings
- Tube insert surveillance with alarm function

**Color screen with keypad**

- For a neat process monitoring
- Displays alternately process time and program name




**Flexible presses system**

- Precise, quick, silent and programmable stepper motors
- Interaction of upper and lower press and slide for more flexibility in component separation

**Press balance**

- Semi-automatic weighing of the front bag

**Front door**

- Automatic opening for easier handling

# CompoMat G5 *Plus* for improved quality and automation for easier blood component separation

## Maximised efficiency and plasma yield[1,4]

- Integrated optical sensors in sealing heads
- Automatic air removal and weighing of plasma in a single step

## Shortened separation time[2,5,6,10]

- Simultaneous processing of program steps*
- CompoFlow wide bore tubing

## Reduced risk of RSI** and hemolysis[3,7,8]

- Automatic opening of CompoFlow cap

## Advanced technological platform

- Wi-Fi network
- The CompoMat G5 *Plus* and the CompoMaster® Net are part of the CompoMation Data Management System
- Data from the CompoMation can be displayed in the interactive CompoVision dashboard

## Optimised standardization[1,2]

- Reproducible separation on CompoMat G5 *Plus*
- Sensor controlled priming of in-line filters

## Flexibility at work

- Works with all known blood bag types in the market
- Flexible for all component preparation methods (e.g., Top and Bottom, conventional systems, platelet-rich plasma, cord blood) because of using a system with upper and lower press

* Blood component process changes and validations and notification of changes to your local regulatory agencies are at the discretion of the blood center

** Repetitive Strain injury

# CompoMat® G5 *Plus* Automated blood component separator

## Ordering Information

For more information such as literature, technical details and working procedures, please contact your local sales representative.


**REFERENCES:**

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9. Sanquin Research. Department of Blood Cell Research
10. Fresenius Kabi internal validation data


# Process efficiency to help you achieve more



CE marked, Class I according Directive 93/42/EEC, as amended by 2007/47/EC.
Electrical Safety, IEC 60601-1.




FRESENIUS KABI
caring for life

Fresenius Kabi AG
61346 Bad Homburg
Germany

Phone: +49 61 72 608-0
Fax: +49 6172 608-5786

compomat@fresenius-kabi.com
www.fresenius-kabi.com