



# CompoStop™ flex BioP flex

Leukocyte depletion for platelet concentrates

Flexible filters offer high efficiency, performance and simplified laboratory and bedside filtration of platelet concentrates from buffy coats, random donor platelets or equivalent apheresis units.

High quality and high yield of blood components

User friendly, easy handling

Time saving, shorter filtration time

# Next generation of leukocyte

## CompoStop™ flex

### Laboratory filtration of platelets

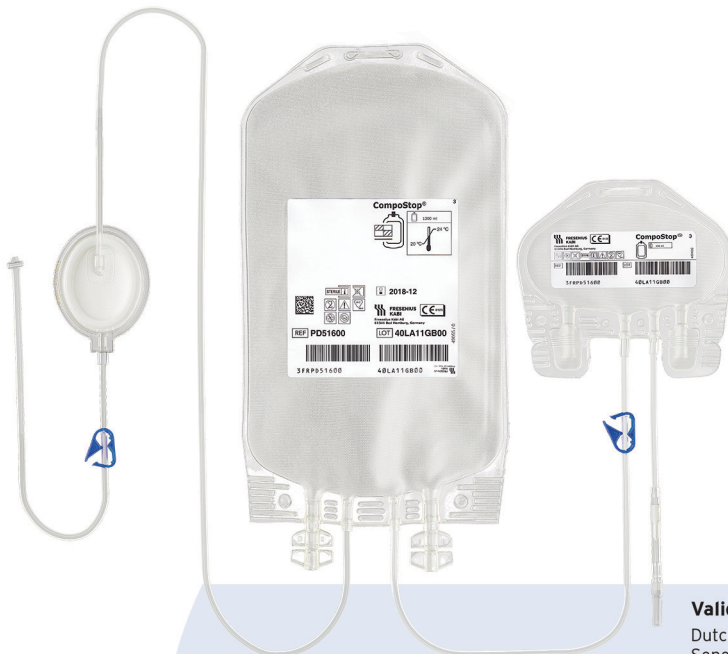
Given the concerns about the long-term health effects of DEHP, Fresenius Kabi developed CompoStop flex systems made of non-DEHP components according Regulation (EC) 1907/2006 (REACH).

CompoStop flex filter systems are intended for automated preparation of leukodepleted platelet concentrates from up to 6 buffy coats. They are available in different configurations allowing to pool 4-6 buffy coats via the octopus method or to sterile connect a prepared buffy coat pool directly to the filter system.

### In-line Filtration

- Filtration efficiency: averaging  $< 0,1 \times 10^6$  residual leukocytes
- PLT recovery: averaging 90% platelet recovery (BC supernatant)
- Filtration time: approximately 3 minute\*
- Filter housing hold-up volume: 8 ml
- Flexible filter housing
- Automatic Stop function

\*Dependent on chosen separation program



#### Validation data

Dutch blood center. Pool of 5 buffy coats in plasma. Separation under pressure.

#### LR-PC

	Volume (ml)	WBC' $10^6/U$	PLT $10^{11}/U$
m	340	0,03	3,59
sd	18	0,03	0,45
min	296	0,00	2,35
max	391	0,16	4,54
n	54	54	54

\* by FACS counting

### CompoStop™ flex

Housing material	PVC, flexible housing
Sterilization	Steam
Shelf life	2 years
Storage bag	PVC/Citrate, 1300 ml
Automatic Stop function	Yes

### Filter material of CompoStop flex and BioP flex

- Melt blown non-woven polyester fibre
- Non ionic coated fibre surface
- Neither positively nor negatively charged
- Excellent wetting characteristics
- High biocompatibility

### BioP flex

Housing material	PVC, flexible housing
Sterilization	Gamma Irradiation
Shelf life	2 years
Storage bag	Polyolefine or PVC/TOTM, 1300 ml
Filter priming	inverted priming; no prime with saline required
Prefilter	available with 170 $\mu$ m prefilter for microaggregates removal



# filters for platelet concentrates

## BioP flex

### Laboratory and bedside filtration of platelets

The BioP flex is intended for platelet concentrate filtration by gravity. It is available for blood bank or bedside use within a wide variety of different system configurations for the filtration of platelet concentrates from buffy coats (pools of 4-6 units), random donor platelets (pools of 4-6 units), or equivalent apheresis units.

### Filtration by gravity

- Filtration efficiency: averaging  $< 0,1 \times 10^6$  residual leukocytes
- PLT recovery: averaging 92% platelet recovery\*
- Filtration time: averaging 5.30 minutes (laboratory use)
- Filter housing hold-up volume: 14 ml
- Flexible filter housing

\*By concentration



#### Validation data

Dutch blood center. Pool of 5 buffy coats in plasma.  
Filtration by gravity.

#### LR-PC

	Volume (ml)	WBC* 10 <sup>6</sup> /U	PLT 10 <sup>9</sup> /U	Rec. PLT** (%)
m	315	0,03	3,8	95
sd	10	0,03	0,6	2
min	301	0,00	2,7	91
max	329	0,06	4,8	97
n	10	10	10	10

\* by Nageotte counting, \*\* by concentration

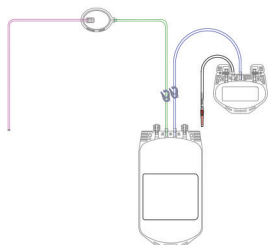


# CompoStop™ flex / BioP flex

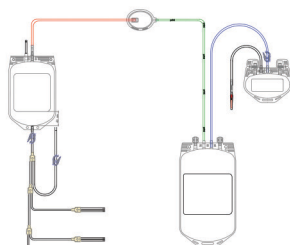
## Ordering Information

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

### CompoStop™ flex

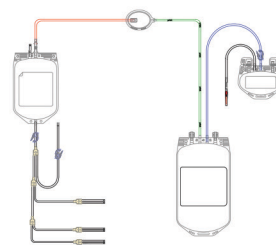


Article code: FD51600  
System per: 1/40  
Storage bag: PVC/Citrate



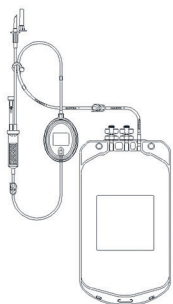
Article code: FT52600  
System per: 1/30  
Storage bag: PVC/Citrate

### CompoStop™ flow-flex



Article code: GT52600  
System per: 1/30  
Storage bag: PVC/Citrate

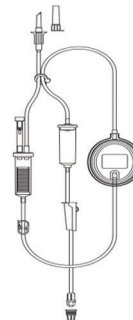
### BioP flex



Article code: A2CE0680  
System per: 1/40  
Storage bag: PVC/TOTM



Article code: A2CE0691  
System per: 1/40  
Storage bag: Polyolefine



Article code: A2CF0330  
System per: 1/40  
Storage bag: —

## Process efficiency to help you achieve more

The usage of CompoStop™ flex systems is not a therapeutic measure. Apart from risks generally associated with processing and storage of blood components or known or suspected allergies to materials used in the product, there are no other contraindications. The BioP flex systems contain DEHP which is a potential risk for pregnant or lactating women and children. It is advisable to use the device only if strictly necessary for the treatment of patients and, in any case, after a careful and individual risk-benefit evaluation. It is recommended to avoid bedside filtration when the patients are under treatment with ACE inhibitors, since they are more exposed to the risk of hypotensive reaction.

This marking reflects compliance with the applicable CE Marking requirements for medical devices.



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