



# BioR flex filter

Leukocyte depletion for red cell concentrates

A flexible filter that provides high filtration efficiency and stable performance, excellent recovery and easy to use for a reduced filtration time.

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Customer process simplified

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Stable performance in wide range of user conditions

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Safety guaranteed with complete traceability

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A filter designed  
to give you the  
flexibility you need

## Easy handling

- Integrated pre-filter
- No priming needed
- Vertical flow filtration
- Automatic filter emptying by self-collapsing

## Unique features

BioR flex filtering material:

- Soft housing technology
- Melt-blown non-woven polyester
- Neutral charge coated fiber surface
- Excellent wetting characteristic
- High biocompatibility

## Excellent safety

- High level of leukocyte and platelet depletion
- Stable performances in wide range of user conditions
- Sterile air-venting system
- Complete traceability







## One size fits all

The BioR flex filter offers a 'one size fits all' approach that is suitable for both buffy coat and platelet rich plasma procedures.

Buffy Coat (BC) Procedure <sup>1</sup>								Platelet Rich Plasma (PRP) Procedure <sup>2</sup>							
BioR flex n=22	Vol pre ml	HTC pre %	WBC pre x10 <sup>6</sup>	Vol post ml	RCC rec %	WBC post x10 <sup>6</sup>	Filtration Time mm:ss	BioR flex n=46	Vol pre ml	HTC pre %	WBC pre x10 <sup>6</sup>	Vol post ml	RCC rec %	WBC post x10 <sup>6</sup>	Filtration Time mm:ss
Mean	299	60,3	813	266	89,0	0,02	11:03	Mean	361	53,6	1817	333	92,2	0,10	11:25
ST DEV	30	2,66	530	30	1,1	0,01	02:26	ST DEV	32	1,81	777	32	1,3	0,15	03:31
MIN	265	55,7	135	235	87	0,01	07:45	MIN	286	46,7	334	258	88	0,01	05:55
MEDIAN	292	59,8	775	259	89	0,01	10:22	MEDIAN	365	53,7	1788	340	92	0,03	10:34
MAX	402	65,6	2639	372	93	0,04	16:10	MAX	413	57,5	4395	384	94	0,60	20:30

### Standard requirements for leukocyte depletion of RCCs<sup>3</sup>

For 1 unit of RCC:

- $< 1 \times 10^6$  residual leukocytes in  $\geq 90\%$  of units tested
- Hemoglobin content after filtration:  $\geq 40\text{g/unit}$  in  $\geq 90\%$  units tested
- Hemolysis rate at end of storage:  $< 0,8\%$  of red cell mass in  $\geq 90\%$  units tested (BBS models)

### BioR flex performance (based on available data)

For 1 unit of RCC:

- Filtration efficiency averaging less than  $0,5 \times 10^5$  residual leukocytes<sup>1</sup>
- RCC recovery: average  $\geq 90\%$ <sup>2</sup>
- Filtration time: averaging less than  $12 \text{ min}^{1-2}$  (BBS models)




1-2. Data from Center 1 (Germany, 2016); residual WBC counting by flow cytometer

3. EDQM 20th ed., 2020

# BioR flex filter

## Ordering Information

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

			
Article Code	AW00911	AS01910	AS01912
Product Name	BioR flex BS PF	BioR flex BBS	BioR flex BBS BP
Storage Bag	–	600 ml DEHP-PVC	600 ml DEHP-PVC
Packaging	25 units/box	25 units/box	25 units/box

A variety of other configurations are available.

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 product contains DEHP (Bis(2-ethylhexyl) phthalate), a plasticizer suspected to be toxic for reproduction. Repeated or prolonged treatment with this or other DEHP-containing products of children, pregnant or nursing women should, if possible, be avoided. Medical practitioners must assess the benefit of use against foreseeable risks.

Process efficiency to  
help you achieve more

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



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