

## HEMOCONCENTRATORS

CARDIOVASCULAR





## FOR GENTLE FLUID MANAGEMENT HEMOCONCENTRATORS MAQUET – THE GOLD STANDARD



**Conserving blood and reducing patient risk:** With high-performance hollow fibre technology and enhanced biocompatibility, MAQUET Cardiopulmonary renders re-concentration specially gentle and efficient.

The HEMOCONCENTRATORS provide optimum conservation of patient blood and considerably minimize the need for homologous blood products. By means of transmembrane pressure, they remove excess plasma water and micromolec-

ular components effectively, yet retain corpuscular blood cells, proteins and other valuable components of higher molecular weight.

HEMOCONCENTRATORS – efficient fluid management for the well-being of the patient.

MAQUET – The Gold Standard.

## SUPERIOR FILTER PERFORMANCE COST-EFFECTIVE BLOOD MANAGEMENT

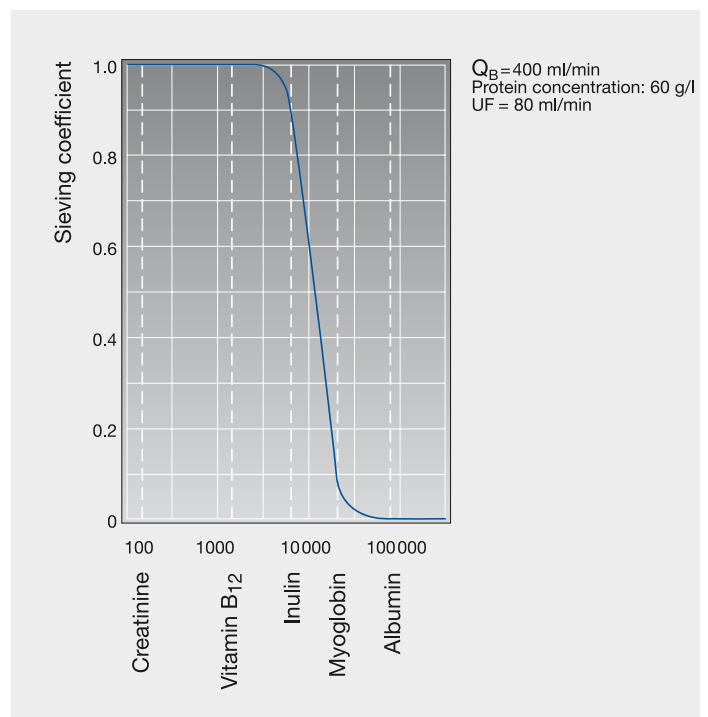
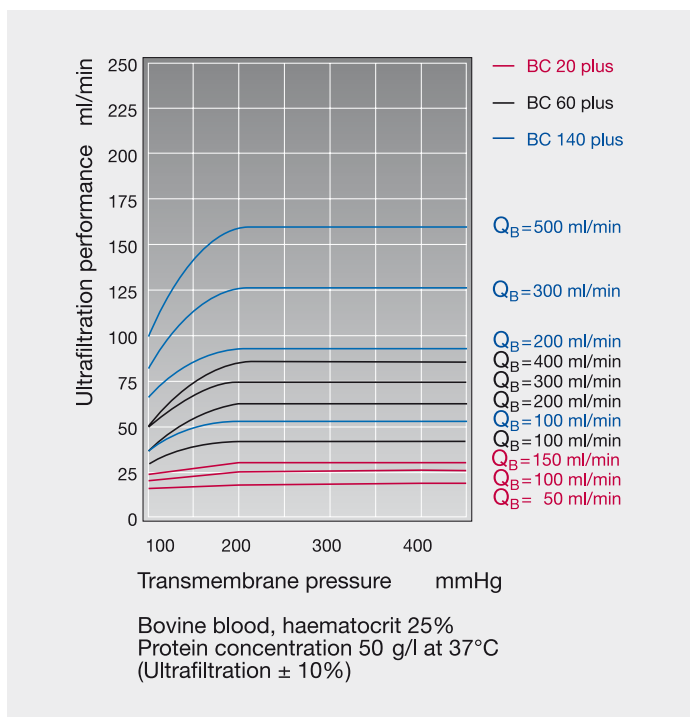
### No-rinse technology and excellent ultrafiltration power:

With HEMOCONCENTRATORS, fluid management becomes simple, efficient and cost-effective.

All hemoconcentrators are ready-to-use: they feature a stable, highly efficient polyarylsulfone membrane which requires no pore-filling agents and no pre-rinsing.

Their excellent priming-performance ratio, together with superior physiological hemoconcentration characteristics, provides optimum blood management for the patient's benefit.

**A sharp sieving profile:** The highly stable, state-of-the-art polyarylsulfone membrane material separates substances of high and middle molecular weights. The substance elimination rate is clearly indicated by the sharp sieving coefficient curve. All valuable blood components are retained while plasma fluid is quickly and efficiently removed – HEMOCONCENTRATORS offer outstanding ultrafiltration performance at minimal priming volume.



**Perfectly matching patient needs:** The hemo- concentrators are available in 3 sizes to optimally meet clinical requirements. For further flexibility and convenience, the client may select each hemoconcentrator either as a single sterile product, as a pre-assembled hemoconcentration set with tubing and accessories, or as part of a custom-made perfusion set.

- No-rinse membrane for immediate use
- Low priming
- Dependable filtration
- Superior performance
- Outstanding biocompatibility
- Optional refinement with SAFELINE® COATING
- Cost-effective



## TECHNICAL DATA

Product	BC 20 plus	BC 60 plus	BC 140 plus
Membrane surface	0.2 m <sup>2</sup>	0.7 m <sup>2</sup>	1.35 m <sup>2</sup>
Priming volume	17 ml	65 ml	98 ml
Max. transmembrane pressure	600 mmHg	600 mmHg	600 mmHg
Membranematerial	Polyarylsulfone	Polyarylsulfone	Polyarylsulfone
Capillary wall thickness	50 µm	50 µm	50 µm
Interior capillary diameter	215 µm	215 µm	215 µm

Specifications are subject to change due to technical improvements without prior notice.

## ADVANCED FIBRE TECHNOLOGY OPTIMUM BIOCOMPATIBILITY

**Enhancing blood compatibility:** The polyarylsulfone membrane with its consistent pore structure ensures constant, reliable performance requiring no stabilizers.

The smooth interior fibre surface combined with optimized inlet shape further contributes to the outstanding biocompatibility of our hemoconcentrators.

**Optional SAFELINE® COATING:** On request, HEMOCONCENTRATORS are available with a specially treated inner fibre surface which further enhances biocompatibility, ensuring less traumatization of blood cells.



Polyarylsulfone-Membrane



Holder HKH 5000

Product	Article No.	Packing unit
HEMOCONCENTRATOR BC 20 plus	BC 20 plus	10 pieces/carton
HEMOCONCENTRATOR BC 60 plus	BC 60 plus	20 pieces/carton
HEMOCONCENTRATOR BC 140 plus	BC 140 plus	20 pieces/carton
HEMOCONCENTRATOR Set includes (BC 20 plus, BC 60 plus or BC 140 plus) and:		
- inlet and outlet lines, length 1000 mm male Luer Lock connections, enclosed		
- filtrate safety cap, enclosed		
- filtrate line, length 1000 mm, enclosed		
- additional filtrate bag, volume 2000 ml, enclosed		
Set with HEMOCONCENTRATOR BC 20 plus	P-0420	10 pieces/carton
Set with HEMOCONCENTRATOR BC 60 plus	P-0410	10 pieces/carton
Set with JOSTRA HEMOCONCENTRATOR BC 140 plus	P-0400	10 pieces/carton



# MAQUET

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