

Baxter



M60/M100/M150 SETS WITH AN 69

Membrane for CRRT Powered By
PrisMax and Prismaflex

M60 SET/M100 SET/M150 SET

The Prismaflex set is indicated for use only with the Prismaflex control unit or with the PrisMax control unit (in countries where PrisMax is cleared or registered) in providing continuous fluid management and renal replacement therapies. The system is intended for patients who have acute renal failure, fluid overload, or both. This set is intended for use in the following veno-venous therapies: SCUF, CVVH, CVVHD, CVVHDF.

PHYSICAL CHARACTERISTICS ⁽¹⁾			
	M60 set	M100 set	M150 set
Membrane effective surface area	0.6 m ²	0.9 m ²	1.5 m ²
Fiber internal diameter (wet)	240 µm		
Fiber wall thickness	50 µm		
Blood volume in set	97 mL	155 mL	193 mL
Overall dimensions	27 x 22 x 9 cm	27 x 22 x 9 cm	27 x 22 x 9 cm
Weight	758 g	814 g	874 g
Minimal patient weight	11 kg	30 kg	30 kg

MATERIALS			
AN 69 HF hollow fiber: Acrylonitrile and sodium methallyl sulfonate copolymer			
Filter housing and headers: Polycarbonate			
Filter potting compound: Polyurethane			
Tubing material: Plasticized polyvinyl chloride (PVC)			
Cartridge: PETG			
Sterilization mode: EtO (ethylene oxide)			

OPERATING PARAMETERS			
Maximum TMP (mmHg/kPa)	450/60		
Maximum blood pressure (mmHg/kPa)	500/66.6		
	M60 set	M100 set	M150 set
Minimum blood flow rate	50 mL/min	75 mL/min	100 mL/min
Maximum blood flow rate	180 mL/min	400 mL/min	450 mL/min

PERFORMANCE SPECIFICATIONS ⁽²⁾										
Maximum ultrafiltration rate (mL/min) ⁽³⁾ (bovine blood, Hct 32%, Cp 60 g/L, 37°C)										
	M60 set			M100 set			M150 set			
QB (mL/min)	100	180	100	200	300	400	100	200	300	450
Max.QUF (± 15%)	38	55	44	68	89	107	52	82	106	138
Sieving coefficient (bovine plasma, Cp 60 g/L, 37°C) QB = 100 mL/min, QUF = 20 mL/min										
• Urea	1									
• Creatinine	1									
• Vitamin B ₁₂	1									
• Inulin	0.95									
Sieving coefficient (human plasma, Cp 60 g/L, 37°C) QB = 100 mL/min, QUF = 20 mL/min										
• Myoglobin	0.70									
• Albumin	<0.0045									

For safe and proper use of the devices mentioned herein, please refer to the Instructions for Use or Operator's Manual. Latest IFU date: 2018-07-02

CLEARANCE												
Clearance (mL/min) (saline solution ; 37°C)												
Parameters:	M60 set			M100 set				M150 set				
QB/QS	100 mL/min			150 mL/min				200 mL/min				
QUF	0 mL/min			0 mL/min				0 mL/min				
QD L/h	1	2.5	4	1	2.5	4	8	1	2.5	4	8	
QD mL/min	17	42	67	17	42	67	133	17	42	67	133	
Urea (±10%)	17	39	54	17	41	63	95	17	42	66	117	
Vitamin B ₁₂ (±20%)	14	23	28	16	30	37	45	17	37	49	64	
Inulin(±20%)	12	17	19	14	23	26	30	16	31	37	45	

(1) Nominal values – given for indication
(2) Typical mean values obtained from laboratory testing of post-sterilization sample lots. Results may vary depending on patient and clinical conditions.
(3) Ultrafiltration is controlled by the control unit and is independent of the ultrafiltration coefficient (KUF).

ACRONYMS	
TMP:	Transmembrane pressure
QB/QS:	Arterial blood flow rate
QUF:	Ultrafiltration flow rate (fluid removal + replacement flow rate + pre blood pump flow rate)
QD:	Dialysate flow rate
Hct:	Hematocrit
Cp:	Protein concentration

ORDERING INFORMATION		
	Code N°	N° units/box
M60 set	106696	4
M60 set CKT	115305	
M100 set	106697	4
M100 set CKT	115306	
M150 set	109990	4
M150 set CKT	115307	
5-liter effluent bag	115959 (SP414) or 114423 (A6001)	40 (SP414) 50 (A6001)
9-liter effluent bag	107650 (SP418)	30