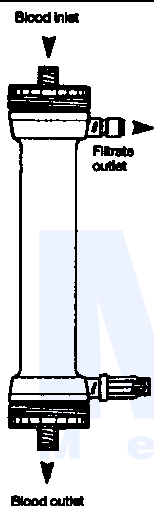


Technical Description and Performance Data

TYPE	ME HF0S 0025	ME HF0S 0070	ME HF0S 0120	Dimension				
Filter membrane (Hollow Fibre)	Polysulfone (PS)							
Active filter surface	0,25	0,70	1,20	m ²				
Wall thickness	40			µm				
Inner diameter	200			µm				
Materials								
Housing (cylinder/end caps)	Polycarbonate (PC)							
Potting compound	Polyurethane (PU)							
Sealing ring	Silicone Rubber (SIR)							
Luer connectors	PVC							
Connectors	Luer Lock	acc. to EN 1283	acc. to EN 1283					
Size (length x diameter)	172 x 40	304 x 51	304 x 51	mm				
Priming volume , acc. to EN 1283, in vitro data								
Blood compartment	18	35	68	ml				
Filtrate compartment	30	110	105	ml				
Sterilisation	EO							
Max. TMP	500	66	500	66	500	66	mmHg	kPa
Flow resistance , acc. to EN 1283, in vitro data								
Blood compartment, Q _B = 200ml/min	24	3,2	53	7,0	66	8,8	mmHg	kPa
Filtrate compartment, Q _D = 500ml/min	< 30	< 4,0	< 30	< 4,0	< 30	< 4,0	mmHg	kPa
Max. blood flow	300		300		500		ml/min	
Max. dialysate flow	500		1000		1000		ml/min	
Dialysate flow/blood flow Q _F /Q _B	20		25		30		%	
Sieving coefficient								
Vitamin B ₁₂	1							
Myoglobin	0,7							
Albumin (Bovine)	< 0,01							
Clearance , acc. to EN 1283, in vitro data								
Q _B /Q _D	100/300		200/500		200/500		ml/min	
Urea	75		175		185		ml/min	
Creatinine	60		152		173		ml/min	
Phosphate	not tested		not tested		171		ml/min	
Vitamin B ₁₂	36		87		118		ml/min	
Inulin	20		60		88		ml/min	
Ultrafiltration coefficient , acc. to EN 1283, in vitro data, Human blood, Q _B = 200 ml/min, Q _F = 30 ml/min	9		29		40		ml/(h x mmHg)	
	67		217		300		ml/(h x kPa)	

Subject to technical alteration.




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