

HEMODIAFILTER APS™ -H

Asahi Polysulfone



Performance (in vitro)

		APS-18H				APS-21H			
Clearances (mL/min)	Qb	200	300	300	400	200	300	300	400
	Qf	0	0	75*	100*	0	0	75*	100*
	Qd	500				500			
	Urea	190	251	271	325	192	257	272	326
	Creatinine	181	231	264	316	188	246	264	316
	Phosphate	178	225	251	301	183	235	255	306
	Vitamin B ₁₂	145	170	196	233	156	187	205	244
	Inulin	99	101	138	161	115	125	161	189
KoA (Urea) (mL/min) ¹⁾		836				916			
KUF (mL/hr/mmHg (mL/hr/kPa)) ²⁾		86 (645)				94 (705)			
Effective Surface Area (m ²)		1.8				2.1			
Sieving Coefficient ³⁾									
	Inulin	1.0							
	β ₂ -microglobulin	0.8							
	Myoglobin	0.4							
	Albumin	< 0.001							

Conditions: ¹⁾ KoA: Qb=300mL/min, Qd=500mL/min, Qf=0mL/min

²⁾ KUF: bovine blood, TP=60±5g/L, Hct=32±3%, Qb=300mL/min ³⁾ Sieving Coefficient: bovine plasma, TP=60±5g/L
ISO 8637: 2010 *post-dilution HDF

Specifications

	APS-18H	APS-21H
Membrane	Asahi Polysulfone	
Internal Diameter of Hollow Fiber (μm)	200	
Wall Thickness of Hollow Fiber (μm)	45	
Priming Volume (mL)	105	114
Maximum TMP (mmHg (kPa))	500 (66)	
Maximum Blood Flow (mL/min)	500	
Maximum Dialysate Flow (mL/min)	800	
Dimensions (mm [L] x mm [D])	330 x 42	330 x 44
Weight (g)	486	510
Sterilization	Gamma-Ray	

Note: High permeability devices. Use only with ultrafiltration controlling equipment. ISO 8637:2010

AsahiKASEI

Manufacturer:

ASAHI KASEI MEDICAL CO., LTD.

1-1-2 Yurakucho, Chiyoda-ku, Tokyo 100-0006 Japan

TEL: +81-3-6699-3771 FAX: +81-3-6699-3773

www.asahikasei-medical.com

Represented in Europe by:

ASAHI KASEI MEDICAL EUROPE GmbH

Herriotstrasse 1, 60528 Frankfurt am Main Germany

TEL: +49 (0) 69 66 37 15 00 FAX: +49 (0) 69 6 66 51 93

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