



MEDICA PONTEM



purifier[®]

Polyethersulfone

- Advanced Polyethersulfone membrane delivers excellent clearances
- Excellent biocompatibility of advanced synthetic membrane
- Oxygen-free gamma sterilization maintains membrane integrity
- Caps on dialysate ports help prevent contamination
- Wide range of sizes to better match performance to patient needs

TECHNICAL SPECIFICATIONS & PERFORMANCES

	Clearances in vitro (mL/min)				
	Urea	Creatinine	Phosphate	Vitamin B ₁₂	Inulin
Q _b (ml/min)	300	300	300	300	300
Q _d (ml/min)	500	500	500	500	500
PURIFIER H 120	252	220	210	140	90
PURIFIER H 140	260	230	221	151	102
PURIFIER H 160	267	240	230	161	117
PURIFIER H 180	273	248	238	170	122
PURIFIER H 200	279	256	245	177	131

	PURIFIER H 120	PURIFIER H 140	PURIFIER H 160	PURIFIER H 180	PURIFIER H 200
Effective Membrane Area (m ²)	1,2 m ²	1,4 m ²	1,6 m ²	1,8 m ²	2,0 m ²
Priming Volume (mL)	67	74	87	96	108
UF Coefficient (mL/h/mmHg)	52	58	67	75	84
KoA Urea (Q _b 300 ml/min, Q _d 500 ml/min.)	849	961	1083	1214	1382
Membrane	Polyethersulfone (PES)				
Sterilisation	Gamma Rays				
Max. TMP	600 mmHg				
Wall Thickness	30 µm				
Inner Diameter	200 µm				

- Specifications & performance data at clearance in vitro (ml/min) Q_b=300 ml/min, Q_d=500 ml/min, Q_f=0 ml/min, T=37 °C.
- KUF measurement using bovine / Human blood (Hct % 32; Protein 60 g/L)
- Performance data were measured in vitro according to standard ISO 8637

PRODUCT	PACKAGING	UNIT PER PACKAGE	PACKAGE WEIGHT (kg)	PALLET SIZE (cm)	PALLET WEIGHT (kg)	UNIT PER PALLET	BOX PER PALLET
Purifier H150 - H170 - H190 - H210 Dialyzer	Box	20	4,8	100*120*214	295	1080	54



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	Clearances in vitro (mL/min)			
	Urea	Creatinine	Phosphate	Vitamin B ₁₂
Q _b (ml/min)	300	300	300	300
Q _d (ml/min)	500	500	500	500
PURIFIER L 120	245	226	188	116
PURIFIER L 140	250	235	198	130
PURIFIER L 160	255	242	206	142
PURIFIER L 180	260	248	213	153
PURIFIER L 200	264	254	220	162

	PURIFIER L 120	PURIFIER L 140	PURIFIER L 160	PURIFIER L 180	PURIFIER L 200
Effective Membrane Area (m ²)	1,2 m ²	1,4 m ²	1,6 m ²	1,8 m ²	2,0 m ²
Priming Volume (mL)	65	78	86	98	107
UF Coefficient (mL/h/mmHg)	16	19	21	24	26
KoA Urea (Q _b 300 ml/min, Q _d 500 ml/min.)	767	824	888	961	1027
Membrane	Polyethersulfone (PES)				
Sterilisation	Gamma Rays				
Max. TMP	600 mmHg				
Wall Thickness	35 µm				
Inner Diameter	200 µm				

- Specifications & performance data at clearance in vitro (ml/min) Q_b=300 ml/min, Q_d=500 ml/min, Q_f=0 ml/min, T=37 °C.
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