

**VitaPES<sup>®</sup>**



**Low Flux Dialyzer**

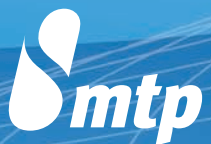
	VitaPES® 130 LF	VitaPES® 150 LF	VitaPES® 180 LF	VitaPES® 200 LF
<b>In vitro performance</b>				
Ultrafiltration coefficient (ml/h/mmHg)	9	10	13	15
<b>Clearances: Q<sub>B</sub> 200 ml/min</b>				
Urea	183	187	190	191
Creatinine	165	171	177	180
Phosphate	140	147	156	163
Vitamin B <sub>12</sub>	74	80	89	95
<b>Clearances: Q<sub>B</sub> 300 ml/min</b>				
Urea	234	242	251	257
Creatinine	204	214	226	234
Phosphate	165	176	189	199
Vitamin B <sub>12</sub>	80	87	99	105
<b>Clearances: Q<sub>B</sub> 400 ml/min</b>				
Urea	263	275	287	296
Creatinine	225	238	255	266
Phosphate	179	192	207	219
Vitamin B <sub>12</sub>	85	93	108	112
<b>Mass transfer coefficient</b>				
KoA (Urea) *	662	736	836	916
<b>Technical information</b>				
Surface (m <sup>2</sup> )	1.3	1.5	1.8	2.0
Wall thickness / Internal diameter (µm)	35 / 200			
Priming volume (ml)	82	89	108	117
Membrane material	PUREMA® Polyethersulfone			
Housing material / Potting compound	Polycarbonate / Polyurethane			
Sterilization method	Electron Beam			
Units per box/ pallet	30 / 960	30 / 960	30 / 960	30 / 960
<b>Art.-No.</b>	<b>70107113</b>	<b>70101115</b>	<b>70102118</b>	<b>70103120</b>

In vitro performance data according to EN 1283 (UF coefficient: human blood, Hct 32%, total protein ≥6%, T = 37 °C, clearance: Q<sub>b</sub> = 500 ml/min, Q<sub>r</sub> = 0)

PUREMA® is a trademark of Membrana GmbH, Wuppertal, Germany

\* KoA calculated from clearance at Q<sub>b</sub>=300 ml/min, Q<sub>d</sub>=500 ml/min

**VitaPES<sup>®</sup>**



**High Flux Dialyzer**

	VitaPES® 150 HF	VitaPES® 190 HF	VitaPES® 210 HF
<b>In vitro performance</b>			
Ultrafiltration coefficient (ml/h/mmHg)	60	73	80
<b>Clearances: Q<sub>B</sub> 200 ml/min</b>			
Urea	196	197	198
Creatinine	188	193	195
Phosphate	182	186	189
Vitamin B <sub>12</sub>	147	154	159
Inulin	93	110	113
<b>Clearances: Q<sub>B</sub> 300 ml/min</b>			
Urea	271	279	282
Creatinine	246	261	268
Phosphate	232	242	249
Vitamin B <sub>12</sub>	173	193	198
Inulin	105	121	123
<b>Clearances: Q<sub>B</sub> 400 ml/min</b>			
Urea	317	334	338
Creatinine	280	303	313
Phosphate	259	279	281
Vitamin B <sub>12</sub>	188	204	218
Inulin	109	129	131
<b>Mass transfer coefficient</b>			
KoA (Urea) *	1167	1382	1487
<b>Sieving coefficient</b>			
Inulin	1		
β <sub>2</sub> -microglobulin	0.8		
Albumin	<0.01		
<b>Technical information</b>			
Surface (m <sup>2</sup> )	1.5	1.9	2.1
Wall thickness / Internal diameter (µm)	30 / 200		
Priming volume (ml)	89	112	123
Membrane material	PUREMA® Polyethersulfone		
Housing material / Potting compound	Polycarbonate / Polyurethane		
Sterilization method	Electron Beam		
Units per box/ pallet	30 / 960	30 / 960	30 / 960
Art.-No.	70104215	70105219	70106221

In vitro performance and according to EN 1283 (UF coefficient: human blood, Hct 32%, total protein ≥6%, T = 37 °C, clearance: Q<sub>D</sub> = 500 ml/min, Q<sub>F</sub> = 0, sieving coefficient: Q<sub>B</sub> = 300 ml/min, Q<sub>F</sub> = 60 ml/min)

PUREMA® is a trademark of Membrana GmbH, Wuppertal, Germany

\* KoA calculated from clearance at Q<sub>B</sub>=300 ml/min, Q<sub>D</sub>=500 ml/min