

Hollow Fiber Dialyzer

Smarter Greener Safer



BPA-FREE

DEHP-FREE

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► Polypropylene (PP) material for Housing Perfectly matching with Polyethersulfone (PES) creates a new series of BPA free and DEHP free Dialyzer:

Features:

- Minimizing potential risk for endocrine disruption to ESRD patient.
- Preventing the deterioration of renal function due to accumulation of BPA.
- Energy saving and lower CO2 emissions.
- Material saving and more economic delivery .



Low-Flux Hollow Fiber Dialyzer

		SM120L	SM140L	SM160L	SM180L	SM200L
UF Coefficient(mL/h·mmHg) (QB=200mL/min; TMP=100mmHg)		12	14	16	18	20
Effective surface area (m ²)		1.2	1.4	1.6	1.8	2
Clearance in vitro (QB=200mL/min, QD=500mL/min, QF=10mL/min)	Urea	175	177	189	191	193
	Creatinine	159	161	179	183	185
	Phosphate	150	155	160	165	170
	Vitamin B12	95	105	110	115	120
Clearance in vitro (QB=300mL/min, QD=500mL/min, QF=10mL/min)	Urea	225	229	243	251	256
	Creatinine	211	214	220	231	238
	Phosphate	200	213	220	230	240
	Vitamin B12	100	112	120	130	140



High-Flux Hollow Fiber Dialyzer

		SM120H	SM140H	SM160H	SM180H	SM200H
UF Coefficient(mL/h·mmHg) (QB=200ml/min;TMP=1000mmHg)		48	54	60	65	70
Effective surface area (m ²)		1.2	1.4	1.6	1.8	2
Sieving coefficient	Inulin	0.9× (1±10%)				
	β 2-microglobulin	≥0.6				
	Myoglobin	≥0.50				
	Albumin	≤0.01				
Clearance in vitro (QB=200mL/min, QD=500mL/min, QF=10mL/min)	Urea	191	193	195	197	198
	Creatinine	181	183	185	190	195
	Phosphate	176	178	181	185	190
	Vitamin B12	135	145	155	165	175
Clearance in vitro (QB=300mL/min, QD=500mL/min, QF=10mL/min)	Urea	255	260	267	275	280
	Creatinine	230	240	250	260	270
	Phosphate	215	225	235	250	262
	Vitamin B12	140	157	175	195	208

Internal Fibre Diameter	200 μ m
Membrane Thickness	40 μ m
Membrane Type	Polyethersulfone
Housing material	Polypropylene
Blood cover	Polypropylene
potting material	Polyurethane
Sterilization Method	Dry gamma
Package	30pcs/carton