

GLT-DIALYZER

Hollow Fiber Hemodiafilter



- ✓ EXCELLENT CLEARANCES
- ✓ ULTRA SMOOTH
- ✓ BPA FREE
- ✓ LIGHTER HOUSING
- ✓ EXCEPTIONAL BIOCOMPATIBILITY

QUALITY

Measuring and substantiating quality is an important factor for dialysis. The element of quality is defined by:

- Treatment consistency
- Sustainability
- Biocompatibility
- Engineering and manufacturing attributes

PERFORMANCE

Performance is defined by how well a particular therapy solution can accomplish the necessary treatment requirements for patient. In dialysis, this is defined by the following main parameters:

- Clearance
- Adsorption
- Selectivity
- Dialysis dose

SIMPLICITY

Simplicity and clinical integration of therapeutic solutions is an important parameter and is defined by a dialyzer's ability in regards to:

- Usability
- Operational efficiency
- Compatibility

3D MICROWAVE STRUCTURE

Ensure uniform radial dialysate flow around each fibre within the bundle

SMOOTH INJECT PORT

Smooth dialysate inject port, friendly for connector of dialysis machine

ULTRASONIC BONDING

Ultrasonic bonding of the cap avoid blood and dialysate leakage



New PES formula, enhanced anticoagulant performance



High removal rate of molecules



Safety PP material, no BPA



Improved design, enhanced diffusion effect

GLT-DIALYZER

HI-FLUX Technical Specification

Models		140H			160H			180H			200H			220H			240H		
Q B (mL/min)		200	300	400	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400
Ulrea		181	223	247	185	231	262	192	244	277	195	255	298	195	255	298	197	262	308
Clearence (ml/min)	Creatinin	175	211	229	179	217	239	184	224	248	190	240	268	190	240	268	194	245	267
	Phosphate	153	185	206	157	195	219	165	209	232	176	221	245	176	221	245	184	230	258
	Vitamin B12	122	131	137	132	141	148	138	151	159	144	162	174	144	162	174	147	165	176

Test condition: QD=500mL/min, QF=10mL/min, temperature 37±1C

Models	140H	160H	180H	200H	220H	240H
Effective Surface Area(m2)	1.4	1.6	1.8	2.0	2.2	2.4
Priming Volume(ml)	81	88	104	112	119	127
CUF (ml/h mmHg) ±20%	17	20	23	26	28	29,4
Membrane	Polyethersulfone					
Potting material	Resine Polyuretane					
Housing and caps material	Polycarbonate					
Sterilization	Irradiation					
Wall thickness (µm)	40					
Inner diameter (µm)	200					
Max TMP (mmHg)	500					

Test condition & UFR with anticoagulation bovine plasma, HCT 32%, protein 60±5g/L, temperature 37±1C, Qb= 300ml/min, MP=100mmHg



LOW-FLUX Technical Specification

Models		140L			160L			180L			200L			220L			240L		
Q B (mL/min)		200	300	400	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400
Ulrea		185	229	254	191	246	276	196	257	300	197	263	319	198	269	328	199	272	336
Clearence (ml/min)	Creatinin	180	224	249	185	233	270	190	247	288	194	251	307	196	256	315	198	260	324
	Phosphate	165	206	237	170	213	251	178	225	267	182	238	284	186	244	291	190	252	302
	Vitamin B12	149	171	185	154	179	196	176	202	224	184	213	235	187	221	243	189	232	250

Test condition: QD=500mL/min, QF=10mL/min, temperature 37±1C

Models	140L	160L	180L	200L	220L	240L
Effective Surface Area(m2)	1.4	1.6	1.8	2.0	2.2	2.4
Priming Volume(ml)	81	88	104	112	119	127
CUF (ml/h mmHg) ±20%	73	83	93	103	113	118
Membrane	Polyethersulfone					
Potting material	Resine Polyuretane					
Housing and caps material	Polycarbonate					
Sterilization	Irradiation					
Wall thickness (µm)	40					
Inner diameter (µm)	200					
Max TMP (mmHg)	500					
Sieving	Inulin					
Coefficients (S.C.)	β2 microglobulin	≥0.7				
	Albumin	≤1.01				

Test condition & UFR with anticoagulation bovine plasma, HCT 32%, protein 60±5g/L, temperature 37±1C, Qb= 300ml/min, MP=100mmHg S.C.:with anticoagulation bovine plasma, protein 60±5g/L, Qb= 200ml/min, Qf=30ml/min

