

# GLT MODEL DIALYZER



- ✓ EXCELLENT
- ✓ CLEARANCES ULTRA
- ✓ SMOOTH BPA FREE
- ✓ LIGHTER HOUSING
- ✓ PS-PES MEMBRANE



## High-Quality Material

The GLT dialyzer uses high-quality polyethersulfone (PES) as the dialysis membrane, manufactured in Germany.

- Sustainability
- Biocompatibility
- Engineering and manufacturing attributes

### High efficient dispersion

Proprietary P.E.T dialysis membrane bundling technology

### High degree of automation of production line

The whole process detection with 100% blood leakage detection and plugging detection

### Multiple models for option

A variety of models of hemodialyzer can meet the treatment needs of different patients,

## 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



New PES formula, enhanced anticoagulant performance



Strong endotoxin retention capability



Safety PP material, no BPA



Albumin Preservation Technology

## Hollow fiber hemodialyzer

The dialyzer acts as an artificial kidney, replacing the vital functions of the natural organ. Blood flows through as many as 20,000 extremely fine fibers, known as capillaries, clustered in a plastic tube approximately 30 centimeters long. characteristics

- Usability Operational
- Efficiency
- Compatibility

# HOLLOW FIBER DIALYZER

## High flux series specification and models

### Advantages & Fetures

- Sterilization: Gamma
- Housing: Polycarbonate (PC), BPA-free housing
- Membrane type: High-quality PES (polyethersulfone) or PS (polysulfone)
- Fiber wall thickness: 30-40  $\mu\text{m}$
- Internal fiber diameter: 180-200 microns
- Structure: Asymmetric membrane structure



### Technical Specifications

Parameter	GLT120H	GLT140H	GLT160H	GLT180H	GLT200H
Surface Area (m <sup>2</sup> )	1.20m <sup>2</sup>	1.40m <sup>2</sup>	1.60m <sup>2</sup>	1.80m <sup>2</sup>	2.00m <sup>2</sup>
Blood chamber capacity (mL)	85	85	95	100	110

Clearance (QB=200 mL/min; QD=500 mL/min; QF=10 mL/min)

Parameter	GLT120H	GLT140H	GLT160H	GLT180H	GLT200H
Urea	191	193	195	197	198
Creatinine	179	181	185	190	195
Phosphate	176	178	181	185	190
Vitamin B12	130	135	155	165	175

Clearance (QB=300 mL/min; QD=500 mL/min; QF=10 mL/min)

Parameter	GLT120H	GLT140H	GLT160H	GLT180H	GLT200H
Urea	255	260	267	275	280
Creatinine	230	240	250	260	270
Phosphate	215	225	235	250	262
Vitamin B12	135	150	175	195	208

Sieving Coefficients: Inulin  $0.9 \pm 10\%$ ,  $\beta_2$ -MG  $\geq 0.7$ , Myohemoglobin  $\geq 0.55$ , Albumin  $\leq 0.01$

- Store between 0°C and 30°C. Shelf life: 3 years
- Membrane Material: PES Polycarbonate
- Sterilization: Gamma rays or electron beams
- Units per box: 30 pcs
- Performance data were measured in vitro according to the standard EN 1283
- CE-marked medical device

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\*Prefer to product direction for use

# HOLLOW FIBER DIALYZER

## Low flux series specification and models

### Advantages & Fetures

- Sterilization: Gamma
- Housing: Polycarbonate (PC), BPA-free housing
- Membrane type: High-quality PES (polyethersulfone) or PS (polysulfone)
- Fiber wall thickness: 30-40  $\mu\text{m}$
- Internal fiber diameter: 180-200 microns
- Structure: Asymmetric membrane structure



### Technical Specifications

Model	GLT120L	GLT140L	GLT160L	GLT180L	GLT200L
Surface Area (m <sup>2</sup> )	1.20m <sup>2</sup>	1.40m <sup>2</sup>	1.60m <sup>2</sup>	1.80m <sup>2</sup>	2.00m <sup>2</sup>
Blood chamber capacity (mL)	75	85	95	100	125

Clearance (QB=200 mL/min; QD=500 mL/min; QF=10 mL/min)

Parameter	GLT120L	GLT140L	GLT160L	GLT180L	GLT200L
Urea	175	177	189	191	193
Creatinine	159	161	179	183	185
Phosphate	150	155	160	165	170
Vitamin B12	95	104	110	115	120

Clearance (QB=300 mL/min; QD=500 mL/min; QF=10 mL/min)

Parameter	GLT120L	GLT140L	GLT160L	GLT180L	GLT200L
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

Sieving Coefficients: Inulin  $0.9 \pm 10\%$ ,  $\beta_2$ -MG  $\geq 0.7$ , Myohemoglobin  $\geq 0.55$ , Albumin  $\leq 0.01$

- Store between 0°C and 30°C. Shelf life: 3 years
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