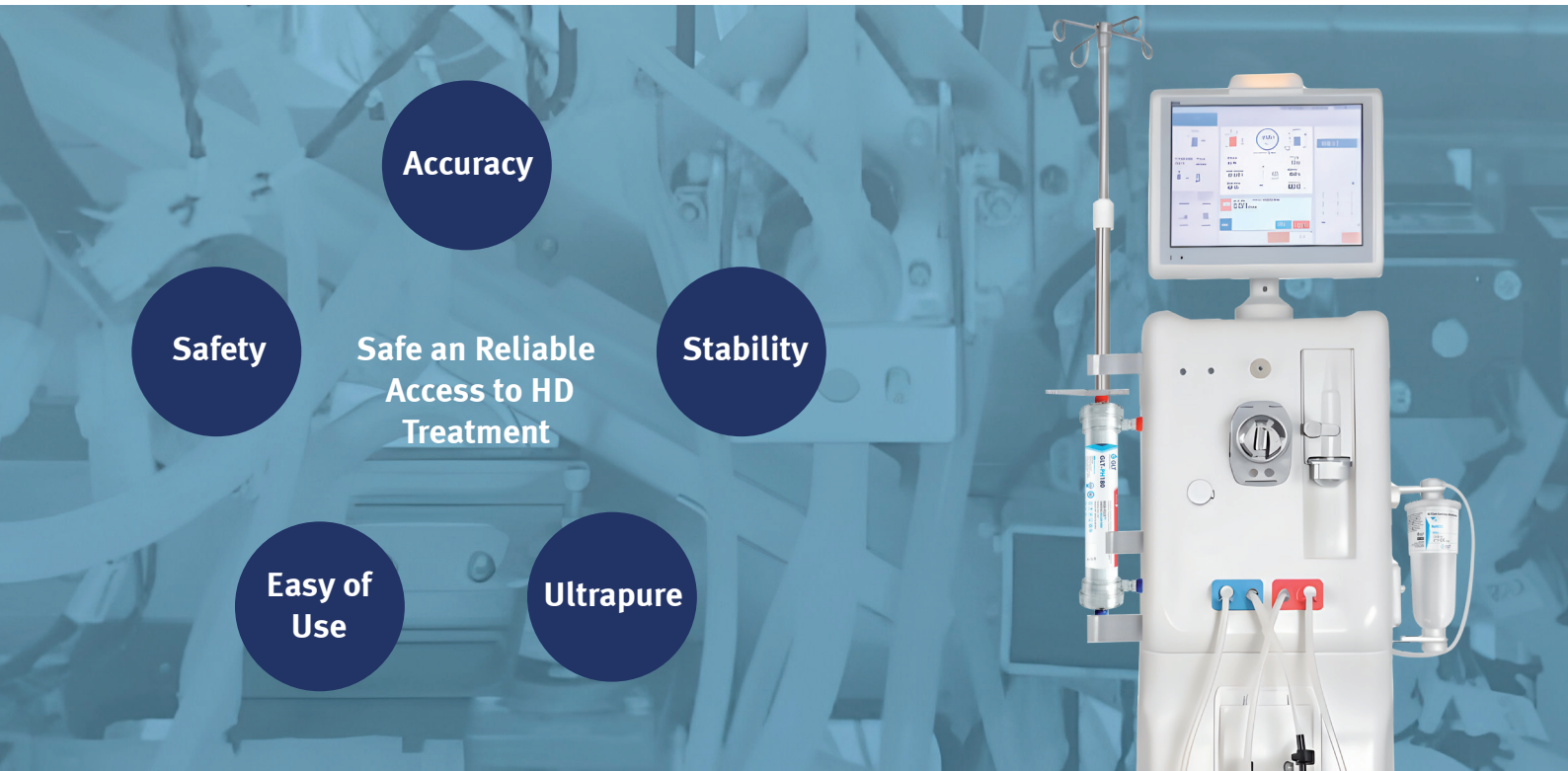


HEMODIALYSIS

GTL-6000



Protection System Safety Self-testing Electromagnetic Protection

- Featured with DLF+MON+UI triple safety protection system and dual interlock protection function of software&hardware to safeguard patient safety.
- Self-test during preparation, key components are automatically checked every 30min during treatment.
- Compliance with international and EU standards, achieving high-level electromagnetic protection(Level 4)

Endotoxin Filter Bicarbonate cartridge Disinfection System

- With the use of endotoxin filter, to achieve maximum reduction of microorganism and impurities from dialysate
- Eliminates contamination risks during the mixing of bicarbonate and concentration A
- 4 disinfectant modes for different demands. Disinfectant is monitored to prevent air drawing.

Parameter Monitoring Kt/V Monitoring Ultrafiltration Control

- Precise measurement of dialysate, temperature and conductivity including Bicarbonate conductivity.
- dequacy assured (Online clearance monitoring)
- Ceramic pump is utilized for accurate ultrafiltration control & automatic airtightness checking.

Dialysate Formulation Preset Drain Function Maintenance

- User-definable dialysate temperature & conductivity and with multiple dialysate formulations available to deliver personalized treatment
- Automatically remove liquid from dialyzer and blood tubing after treatment.
- Compact design to reduce malfunction and economize maintenance time.

Optimized design and components

- Developed by experienced R&D team to ensure reliable treatment
- Key components from world-leading suppliers.



GLT-6000

Performance Parameter

General Data

Dimensions 1600 x 550 x 800mm (H x W x D)

Weight Approx. 83 kg

Water supply

Water inlet pressure 1 ~ 3bar

Water inlet temperature 5 ~ 30°C

Power supply

Voltage 230V AC ±10%

Frequency 50Hz

Max.consumption 2.1kVA

Extracorporeal circuit

Arterial pressure monitoring

Display range -400 ~ +400mmHg

Accuracy ±10mmHg

Resolution 1mmHg

Venous pressure monitoring

Display range -100 ~ +400mmHg

Accuracy ±10mmHg

Resolution 1mmHg

Transmembrane pressure monitoring

Display range -100 ~ +600mmHg

Accuracy ±20mmHg

Resolution 1mmHg

Blood pump

Blood flow range 0, 50 ~ 600ml/min

0, 30 ~ 360ml/min

Heparin pump

Delivery range: 0, 0.3 ~ 10mL/h

Syringe size: 10, 20, 30 mL

Air detector

Sensitivity Single bubble ≥ 20 uL

Continuous bubble ≥ 10 uL



Hydraulic circuit

Dialysate flow range

Range 300 ~ 800ml/min

Dialysate temperature

Setting range 35 ~ 39°C

Dialysate conductivity

Display range 0 ~ 16.0mS/cm

Accuracy ±0.1mS/cm

Ultrafiltration

UF rate 0 ~ 3600ml/h

Accuracy ±1%

Blood leak detector

Sensitivity ≤0.35ml/min(HCT=32%)

Battery back up

30mins' automatic power supply after power off

Disinfection method

Peracetic acid(recirculation)

Hot citric acid(recirculation 85°C)

Sodium hypochlorite(recirculation)

Acetic acid(recirculation)

Hot rinse(recirculation)

