

## NEPHRO-6000 O 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 µL  
 Continuous bubble ≥ 10 µL

### 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)



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Safety

Ultrapure

Accuracy

**NEPHRO**

Safe and reliable access  
 to HD treatment

Ease of use

Stability

HEMODIALYSIS SYSTEM

**NEPHRO**

**NEPHRO-6000**

Safety | Stability | Accuracy  
 Ultrapure | Ease of use



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## Safety

### 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)

## Accuracy

### Parameter Monitoring Kt/V Monitoring Ultrafiltration Control

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

## Ease of use

### 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.

## Ultrapure

### 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
- 4 disinfectant modes for different demands. Disinfectant is monitored to prevent air drawing.

## Stability

### Optimized design and components

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



**15-inch Rotatable display**  
Fully rotatable screen allows ease in reading information from any direction



**Convenient operation**  
Two methods of blood flow adjustment: digital button and physical knob.



**Bicarbonate Cartridge**  
Safe and efficient dispensing of bicarbonate



**Convenience and Reliability**  
Automatic identification and monitoring



**Compatibility**  
Compatible with multiple types of HD disposables