

DIAL-EZEE

Dialysis System

Standard Features

- 15-inch LCD with touch screen
- Bicarbonate dialysis
- Accurate concentration of dialysate & conductivity monitoring
- Ultrapure dialysate through Endotoxin filter
- Bicarbonate dialysis with UF & conductivity profiling
- Arterial & venous pressure monitoring
- Transmembrane pressure monitoring
- Sequential & isolated ultrafiltration
- Heparin pump with safety open syringe system
- Self-testing & auto calibration
- Controlled safety air & blood level detector
- Blood leak monitoring system with photoelectric light
- Detailed alarm indicators with HELP menu
- Battery back up in case of power failure

Key Features

- Variable Dialysate Flow: 100 to 800 ml/min with incremental 1ml/min
- Kt/V (Adequate dialysis dose finder on calculation basis)
- Availability of Inbuilt SLED Dialysis
- UF & Na Profiling with one touch selection
- Ultrapure Dialysate - with Endotoxin Cut Filter
- Dual Blood Pump

Optional Features

- Blood Pressure Monitor
- Bicarbonate Cartridge Filter

- Self Testing Functions
- Convenient & Reliable
- Audio-Visual Alarms
- Clinical & Service Excellence



Technical Specifications

General Data

Dimensions 380 (W) X 400 (D)
X 1380 (H) mm,
weight approx.- 80 kg

Water Supply

Water inlet
pressure 1.5-6.0 bar
Water inlet
temperature 5°-32°C
Max. drain height 1 meter

Electrical Data

Power supply AC 220V ± 10%, 50 HZ
Current consumption 10 A Maximum

Extracorporeal Circuit

Arterial Pressure Monitoring

Display range -380 mmHg to +400 mmHg
Accuracy ±10 mmHg
Resolution 1 mmHg

Venous Pressure Monitoring

Display range -180 mmHg to +600 mmHg
Accuracy ±10 mmHg
Resolution 1 mmHg

Transmembrane Pressure Monitoring

Display range -180 mmHg to +600 mmHg
Accuracy ±20 mmHg
Resolution 1 mmHg

Arterial Blood Pump

Blood flow range 10 to 600 ml/min
Accuracy ±10 mmHg

Air Bubble Detector

By ultrasonic sound transmission
Additional optical monitoring in venous chamber

Dialysis Fluid Circuit

Range of dialysate temperature
regulation 33 to 40°C
Range of dialysate flow rate
regulation 100 to 800 ml/min
(incremental by 1 ml/min)
Range of UF rate regulation 0.01 to max 5.00 l/hr
Range of dialysate conductivity
regulation 12.5 to 16.5 ms/cm
Range of syringe flow regulation 0 to 9.9 ml/hr with bolus
Available syringe size 10ml/ 20ml/ 30ml
Blood leak detector Photoelectric detector system
Endotoxin cut filter Available as standard

Disinfection & Cleaning Process

Rinse

Temperature / Time 37°C / 10 min

Hot Rinse recirculation

Temperature / Time 85°C / 33 min

Hot Disinfection with chemical

Temperature / Time 85°C / 40 min

Technical (Options)

Blood Pressure Monitor

Systole 30-280 mmHg
Diastole 10-240 mmHg
Accuracy 1 mmHg

Bicarbonate

Bi cart Dry

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