



Renal Care

⋮ Dial-Ezee
Dialysis System



Emerging With High Quality Dialysis Treatment

Poly Medicure Ltd. is one of the leading medical devices manufacturer and exporter with a leading position in medical consumables market with the focus on Innovation, Safety and Quality. Our pursuit of excellence is a reflection of our commitment towards matters that are closest to our heart, such as care, concern and love for humanity. With Dial Ezee-Dialysis Systems we enhance our offering in continuing life support for patients with renal affliction.

Quality Care with Advanced Technology

Convenient & Reliable

Self-testing Functions

Audio-visual Alarms

Clinical & Service Excellence

Features

Dial Ezee is developed to deliver highest care for dialysis patients with an Intelligent Operating System

Standard Options

- 15-inch LCD with touch screen
- Bicarbonate dialysis
- Accurate Concentration of dialysate & conductivity monitoring
- Ultrapure dialysate through endo toxin filter

Powerful functions

- Bicarbonate dialysis with UF & Conductivity profiling
- Arterial & venous pressure monitoring
- Trans membrane pressure monitoring
- Sequential & isolated ultrafiltration
- Heparin pump with safety open syringe system

Safety features

- Self-testing & auto calibration
- Controlled safety air & blood level detector
- Blood leak monitoring system with photoelectric light
- Detailed alarm indicators with HELP menu
- Bicarbonate cartridge (optional)
- Battery back up in case of power failure
- Blood pressure monitor (optional)

Advanced features

- Dual blood pump
- Online Kt/V (Adequate dialysis dose finder)



Optional Features

- Blood Pressure Monitor
- Bicarbonate Cartridge filter

Technical Specifications

General Data

Dimensions 380 (W) X 400 (D) X 1380 (H) mm Weight approx. 8KG

Water supply

Water inlet pressure 1.5-6.0 bar
Water inlet temperature 5^o~32^o
Max. Drain height 1 meter

Electrical Data

Power supply AC220V±10%, 50 HZ
Current consumption 10 A Maximum

Extracorporeal circuit

Arterial pressure monitoring

Display range -380mmHg to +400mmHg
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 30 to 600ml/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 100mL/min)
Range of UF rate regulation 0.01 to max 5.00 l/hr.
Range of dialysate conductivity regulation 13.0 to 18.0 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 / 30 min

Hot disinfection (with chemical)

(Temperature / time) 85 C / 45 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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