

SURDIAL™ 55Plus

Dialysis Machine

Easy Handling Designed in Reliability and Safety with Innovative Technology

Special Features

- 180 degrees turnable touch panel display
- Single needle system with one clamp
- UF profile and Conductivity profile
- Detection of micro air bubbles

CE₀₁₂₃

Specifications

Dimension	280(W)×420(D)×1365(H)
Weight	Approx. 72kg
Power Supply	AC230V / AC110V±10% Max. consumption Normal spec. : 1500VA Hot rinse spec. : 2000VA
Water Supply	Temperature : 14 to 30°C 4 to 30°C (with heat exchanger ASSY. option) Pressure : 0.05MPa to 0.74MPa Flow rate : 900 mL or more Quality : ISO 13959
Function	Acetate and Bicarbonate dialysis Sequential dialysis Single needle with single blood pump UF profile Conductivity profile 10.4" Color touch panel display Kt/V (calculation) Self check Battery back up Blood Detector
UF Control	Volumetric control UF rate : 0, 0.10 to 5.00 L / hr Accuracy : ±30g / hr
Concentration Range	Bicarbonate dialysis Water + B : 20 to 50 mEq / L (Na ⁺ electrolyte concentration) Water + A + B : 130 to 160 mEq / L (Na ⁺ electrolyte concentration) Acetate dialysis Water + A : 130 to 160 mEq / L (Na ⁺ electrolyte concentration)

Dialysis Flow Range	300 to 800mL / min
Dialysate Temperature	32.0°C to 39.0°C
Arterial Blood Pump Flow Range	0, 10 to 600mL / min
Heparin Pump	Delivery range : 0.0 to 9.9 mL / hr Bolus range : 0.5 to 5.0 mL Syringe size : 10, 20 and 30 mL Stop Program is available
Air Bubble Detector	Ultrasonic Sensor • Minimum size of a bubble detected : 0.3μL • Specified size : In 3 stages, 1μL / 50μL / 100μL
Venous Pressure Monitoring	-500 to 500 mmHg
Arterial Pressure Monitoring	-500 to 500 mmHg
Rinse Program	Water rinse Chemical disinfection Hot citric disinfection Hot rinse Acid rinse
Option	Heat exchanger unit (Factory Option) Bicarbonate powder cartridge system (Factory Option) Built-in automatic blood pressure monitor unit Acid rinsing port unit CF flushing unit Support of dialysate solution tank LAN Connector Central system for A Solution (Factory Option) Hook for dialysate solution bag