

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, Conductivity profile
- Detection of micro air bubbles



Specifications

Dimension	280(W)×420(D)×1365(H)	Dialysis Flow Range	300 to 700mL / min (Max 800mL / min with factory option)
Weight	Approx. 75kg	Dialysate Temperature	32.0°C to 39.0°C
Power supply	AC230V / AC110V±10% Max.consumption Normal spec. : 1500VA Hot rinse spec. : 2000VA	Arterial Blood Pump Flow Range	0, 10 to 600mL / min
Water supply	Temperature : 17 to 30°C 5 to 30°C (with heat exchanger Assy, option) Pressure : 0.05MPa to 0.74MPa Flow rate : 900 mL or more Quality : AAMI standard	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
Function	Acetate and Bicarbonate Dialysis Sequential Dialysis Single Needle (Single pump) UF profile Conductivity profile Touch Screen Self Check Battery back up	Air Bubble Detector	Ultrasonic Sensor • Minimum size of a bubble detected : 0.3μL • Specified size : In 3 stages, 1μL / 50μL / 100μL
UF Control	Volumetric Control UF Rate : 0, 0.10 to 5.00 L / hr Accuracy : ±30g / hr	Venous Pressure Monitoring	-500 to 500 mmHg
Concentration Range	Bicarbonate dialysis Water + A : 50 to 125m Eq / L (Na ⁺ electrolyte concentration) Water + A + B : 130 to 200 mEq / L (Na ⁺ electrolyte concentration) Acetate dialysis Water + A : 130 to 200 mEq / L (Na ⁺ electrolyte concentration)	Arterial Pressure Monitoring	-500 to 500 mmHg
		Rinse Program	Water Rinse Chemical disinfection Hot rinse (at 86°C, citric acid) (Sodium hypochlorite / Peracetic acid) Acid Rinse (Acetic acid)
		Option	Heat exchanger unit (factory option) Dialysis Flow Range (Qd) 800mL / min (factory option) Bicarbonate powder cartridge system (factory option) Heat exchanger unit (factory option) Built-in automatic blood pressure monitor unit Acid rinsing port unit CF flushing unit Support of dialysis stock solution tank