

# NCU-12

## Dialysis Machine

Experience our Reliability with the Most Compact Dialysis System

### Special Features

- Volumetric UF control with our unique Viscous Control System (VCS)
- TFT color LCD display
- Single needle system with one clamp
- UF profile
- Detection of micro air bubbles

### Specifications

Dimension	250(W)×390(D)×1220(H)
Weight	Approx. 70kg
Power supply	AC230V / AC110V±10% Max.consumption Normal spec. : 1500VA
Water supply	Temperature : 4 to 30°C Pressure : 0.05MPa to 0.29MPa Flow rate : 750 mL or more Quality : AAMI standard
Function	Acetate and Bicarbonate Dialysis Sequential Dialysis Single Needle (Single pump) UF profile Self Check Battery back up Acid rinsing port unit
UF Control	Volumetric Control (VCS) UF Rate : 0, 0.10 to 5.00 L / hr Accuracy : ±30g / hr
Concentration Range	Bicarbonate dialysis Water + A : 95 to 125m Eq / L (Na <sup>+</sup> electrolyte concentration) Water + A + B : 130 to 160 mEq / L (Na <sup>+</sup> electrolyte concentration)  Acetate dialysis Water + A : 130 to 160 mEq / L (Na <sup>+</sup> electrolyte concentration)

Dialysis Flow Range	300 to 500mL / min
Dialysate Temperature	32.0°C to 40.0°C
Arterial Blood Pump Flow Range	0, 30 to 500mL / min
Heparin Pump	Delivery Range : 0.0 to 9.9 mL / hr Bolus range : 0.5 to 5.0 mL Syringe Size : 20 mL Stop Program is available
Air Bubble Detector	Ultrasonic Sensor <ul style="list-style-type: none"> <li>• Minimum size of a bubble detected : 0.3μL</li> <li>• Specified size : In 3 stages, 1μL / 50μL / 100μL</li> </ul> Removable
Venous Pressure Monitoring	-500 to 500 mmHg
Rinse Program	Water Rinse Chemical disinfection (Sodium hypochlorite / Peracetic acid) Acid Rinse (Acetic acid)
Option	Na Adding Unit Arterial pressure monitor Blood pump CCW Serial I/O unit Built-in automatic blood pressure monitor unit Support of dialysis stock solution tank Support of disinfection solution tank CF flushing unit CF leak check unit

