NCU-18

Reduce the labor burden with optimized treatment for patient & medical staff

Special Features
- Compact body size, 300mm width
- Automatic Priming/Reinfusion function with saline or online solution
- Flexible treatment mode, HD, HDF, HF and SLED
- First aid button to change machine setting quickly during the treatment

Specifications

General data
- Dimension: 300(W)×490(D)×1470(H)
- Weight: Approx. 100kg
- Power Supply: AC230V±10%, 50/60Hz
- AC220V±10%, 50/60Hz
- AC110V±10%, 50/60Hz
- Power consumption: Max. consumption: 220/230V model: Max. 2500VA
- 110V model: Max. 1650VA
- Water Supply: Temperature: 15 to 30℃
- Pressure: 0.05 to 0.74 MPa
- Flow rate: 900mL/min or more
- Extracorporeal circuit
  - Arterial pressure monitoring or Dialyzer inlet pressure monitoring: Measurement range: -500 to 500 mmHg
  - Venous pressure monitoring: Measurement range: -500 to 500 mmHg
  - Arterial blood pump: Flow range: 0.10 to 600mL/min
  - ON-LINE HDF pump(option): Flow range: 0.10 to 500mL/min
  - Air bubble detector: Ultrasonic sensor
  - Heparin pump: Delivery range: 0.0 to 20.0 mL/hr
  - Bolus range: 0.1 to 9.9 mL
- Hydraulic circuit
  - UF rate: 0.0 to 5.00L/hr
  - Accuracy: ±30g/hr
- Dialysate flow rate: Range: 100 to 800 mL/min
- Dialysate temperature: Range: 34.0 to 39.0℃
- Concentration range
  - Bicarbonate dialysis: Water + B: 24 to 70 mmol/L
  - Acetate dialysis: Water + A: 125 to 165 mmol/L
- Blood leak detector
  - Optical
- Rinse Program
  - Water rinse
  - Chemical disinfection
  - Chemical decalcification
  - Hot rinse
  - Hot citric disinfection

Function
  - Acetate and Bicarbonate dialysis
  - Isolated ultra filtration
  - Single needle with single blood pump
  - UF profile
  - Concentration profile
  - Clean Treatment Start (CTS)
  - Dose finder (Kt/V calculator)
  - 10.4” color touch display
  - Machine type: A: ON-LINE HDF+SPR
    - B: ON-LINE HDF
    - C: HD+SPR
    - D: HD
  - * Following functions are installed depending on the machine type.
    - ON-LINE HDF/HF, priming/bolus/reinfusion (Type A, B)
    - CF(ETRF) leak check (Type A, B)
    - SPR (Auto Priming/Reinfusion Function)(Type A, C)
    - Drain port (Type A, B)
    - Drip chamber fluid level adjustment (Type A, C)

Option
  - Blood pressure monitoring (BPM)
  - LAN connector
  - Central system with 2 solution ports
  - BPM remote button
  - Nurse call button
  - CF1 (ETRF) connector
  - CF1 (ETRF) leak check
  - Heat exchanger(Standard for China model)
  - Drain port
  - Dialysate solution tank tray
  - Disinfectant tank tray
  - Drip chamber fluid level adjustment
  - Potential equalization conductor
  - Bicarbonate powder cartridge holder
  - Patient card (cannot use with LAN connector)
  - * Factory installed option