

# JMS Single Patient Dialysis System SDS-50

## ■ Specifications

Model Name		Single Patient Dialysis System SDS-50
Dimension (WDH)		310mm x 440mm x 1380mm
Weight		68 kg (without option)
Power supply		AC110V±10% or AC220V±10% 50/60Hz, Consumption: 1.3 kVA
Requirement for water supply	Water pressure	69 to 300 kPa at flow rate of 1000mL/min or more
	Temperature	5 to 30 degrees
Dialysate	Dialysate concentration	130 to 159 mmol/L
	Bicarbonate concentration	20 to 35 mmol/L
	Sodium profile	Fixed 8 or Programmable 8 patterns can be selected
	Flow rate	300 to 600 mL/min
	Temperature	34 to 39.9 degrees
Ultrafiltration	Control system	Closed loop circuit with UF pump
	UF rate	0 to 5.00 L/h
	UF profile	Fixed 8 or Programmable 8 patterns can be selected
	UF mode (Isolated UF/UF) profile	Fixed 8 or Programmable 8 patterns can be selected
	Accuracy	± 30mL/h
Blood pump	Flow rate	50 to 600 mL/min (with pump tube ID8.5mm x OD12mm) 30 to 360 mL/min (with pump tube ID6.4mm x OD9.6mm)
	Accuracy	±20mL/min
Syringe pump	Usable syringe size	10, 20 or 30mL disposable syringe
	Flow rate	0.3 to 9.9 mL/h (0.1mL step) with bolus function
Monitoring system	Arterial pressure	-200 to 400 mmHg with automatic alarm setting function
	Venous pressure	-100 to 400 mmHg with automatic alarm setting function
	Blood leak detector	Optical, sensitivity 500 ppm (Hct 25%)
	Air detector	Ultrasonic, air bubble of 0.07 to 0.5 mL at blood flow of 200mL/min can be detectable
Cleaning /Disinfection	Disinfectant	4 to 6% sodium hypochlorite recommended
	Disinfectant ratio	1:64, 1:35, 1:10 can be selected
	Acid rinse	30% acetic acid recommended
	Acid rinse ratio	1:30, 1:20, 1:10 can be selected
Option	Back-up battery, Incorporated blood pressure monitor, Air detector for arterial line, Dialysate filter, Additional pump (*)	

(\*) factory-installed option



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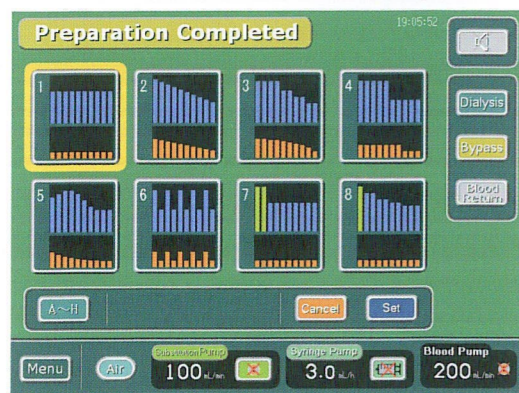
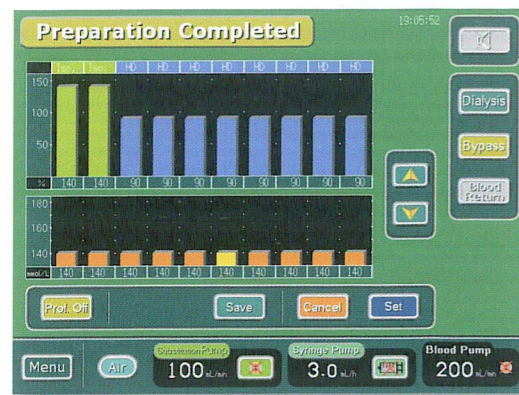
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# A new dialysis system for enhanced usability and reliability

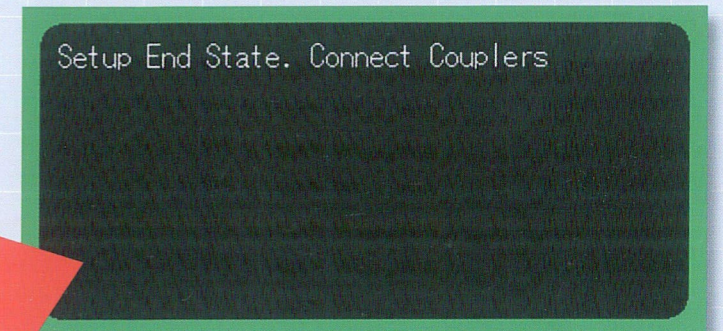
UF/Sodium profile function is available. 16 patterns including programmable 8 patterns can be select. Parameters of UF rate, UF mode (UF/Isolated UF) and Sodium concentration can be programmed for personalized dialysis therapy.



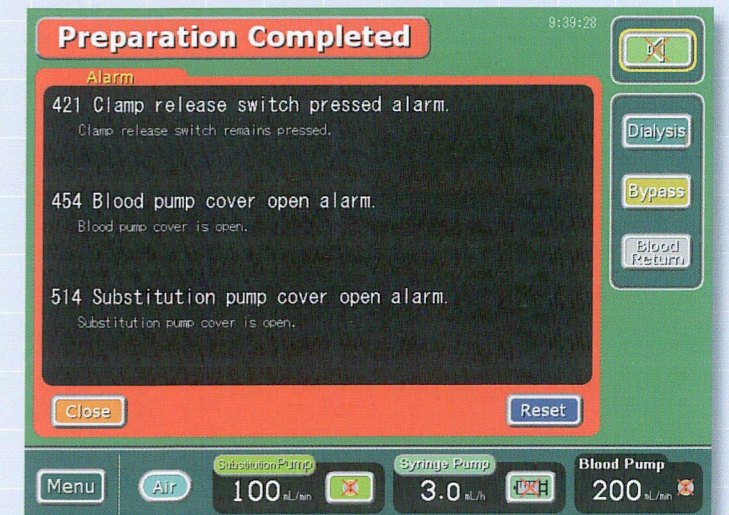
- Designed for enhanced usability with a color LCD touch screen
- Necessary information on the screen is well-organized for easy operation
- Introducing a closed-circuit system for accurate control of Ultrafiltration
- Equipped with Single needle dialysis and UF/Sodium profile functions for various mode of hemodialysis
- With the expanded options including Integrated Blood Pressure Monitor and Additional Pump
- Space-saving body including a plate for dialysate container for easy handling



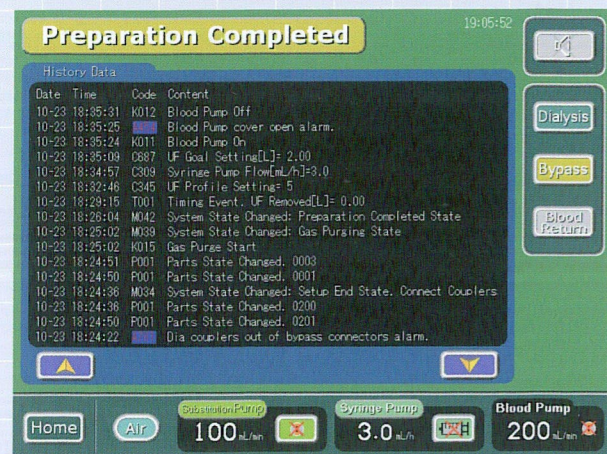
Status of the system and necessary operation for the next step will guide you to proceed with a treatment.



When an alarm occurs, possible trouble shooting procedure will be shown and assist you.



Up to 7,500 events of Alarm/Operation history can be checked on the screen.

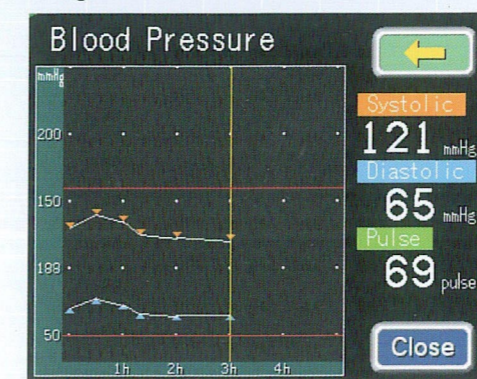


Equipped with a plate for dialysate container



## Expanded Options

Integrated Blood Pressure Monitor



Additional Pump

