

# S-6A Hemodialysis Equipment

## Science Wellness Safety

### Basic information

Dimensions(W*D*H)	465mm*785mm*1515mm
Net weight	87kg
Screen size	15 inch

### Operating conditions

Voltage	~100-240V, 50/60Hz Battery: supply backup power for blood pump and blood circuit monitoring system running that is not fewer than 40 minutes.
Water inlet temperature	5~30°C
Water inlet pressure	0.5bar~8.0bar
Communication interface	RJ45, RS232, USB

### Blood & dialysate control

Blood & dialysate control	0, 30ml/min~600ml/min Accuracy: $\pm 10$ ml/min or $\pm 10\%$ of whichever is greater
Dialysate flow	100ml/min ~ 1000ml/min Accuracy: $\pm 5\%$
Conductivity control	12.5 mS/cm~16.0mS/cm Accuracy: $\pm 0.1$ mS/cm
Dialysate temperature	33°C~40°C Accuracy: $\pm 0.5$ °C

### Monitoring system

VP monitoring	-60~520 mmHg	Accuracy: $\pm 10$ mmHg
AP monitoring	-300~280 mmHg	Accuracy: $\pm 5$ mmHg
TMP monitoring	-60~520 mmHg	Accuracy: $\pm 10$ mmHg
Blood leakage detection	0.35ml/min blood at HCT of 32%	
Air detection: single bubble	> 0.02ml or continuous tiny bubbles size is more than 0.0003ml	
Blood recognition	Color recognition, light monitor	

### Heparin pump

Control range	0~10 ml/h
Accuracy	$\pm 0.2$ ml/h or $\pm 5\%$ of whichever is greater
Bolus volume range	0.1~5ml

### Ultrafiltration control

Balance chamber ultrafiltration control system, real-time monitoring of leakage	
UF rate	0 ~ 4000ml/h
Accuracy	$\pm 1\%$ or $\pm 30$ ml/h of whichever is greater

### \*Non-invasive blood pressure monitor(optional)

Display range	0mmHg~300mmHg
Monitoring range(Adult)	40mmHg ~ 245mmHg

### Automatic disinfection

Daily disinfection mode can be preset, and all disinfection conditions can be recorded, safe and easy to operate

Decalcification	Citric acid
Heat disinfection	Hot water or Citric acid ( $\geq 93$ °C)
Chemical disinfection	Sodium hypochlorite

