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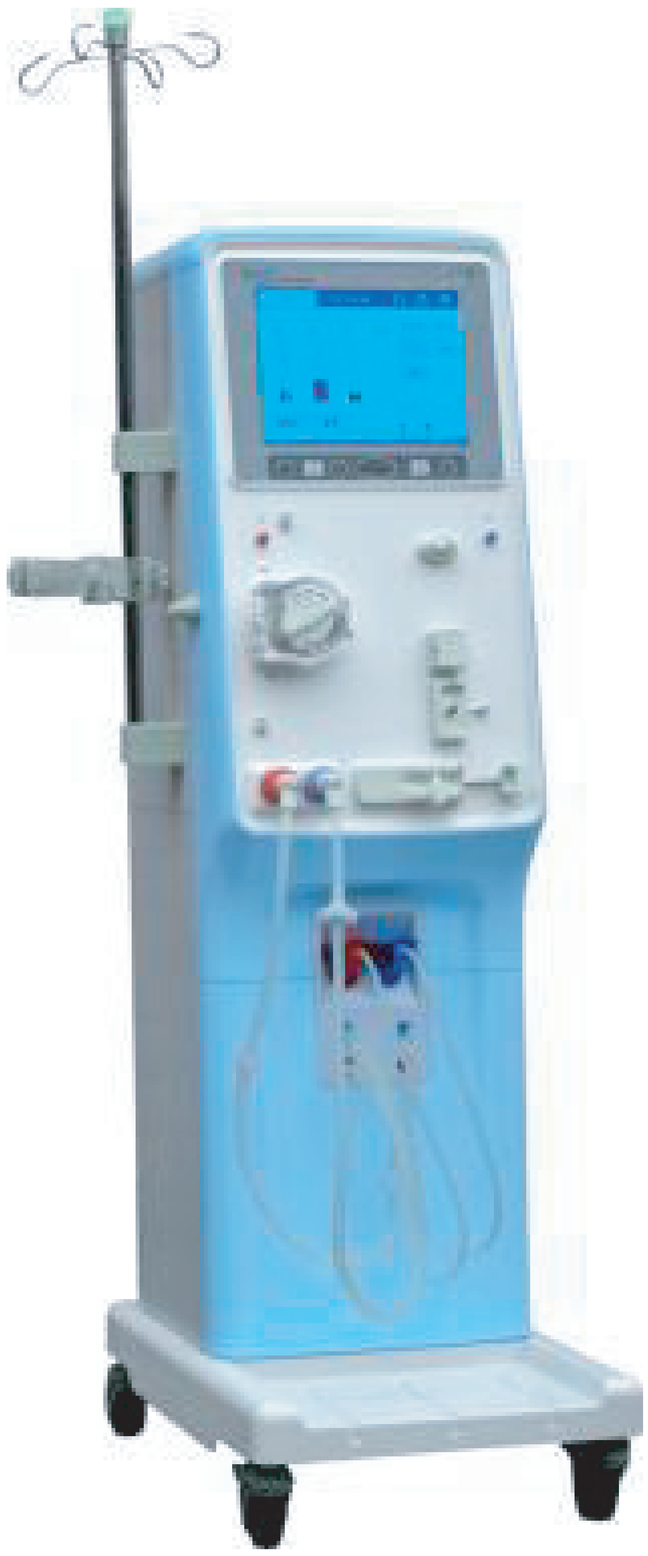
ME 4000A

HEMODIALYSIS EQUIPMENT



ME-4000A Hemodialysis Equipment

Functions

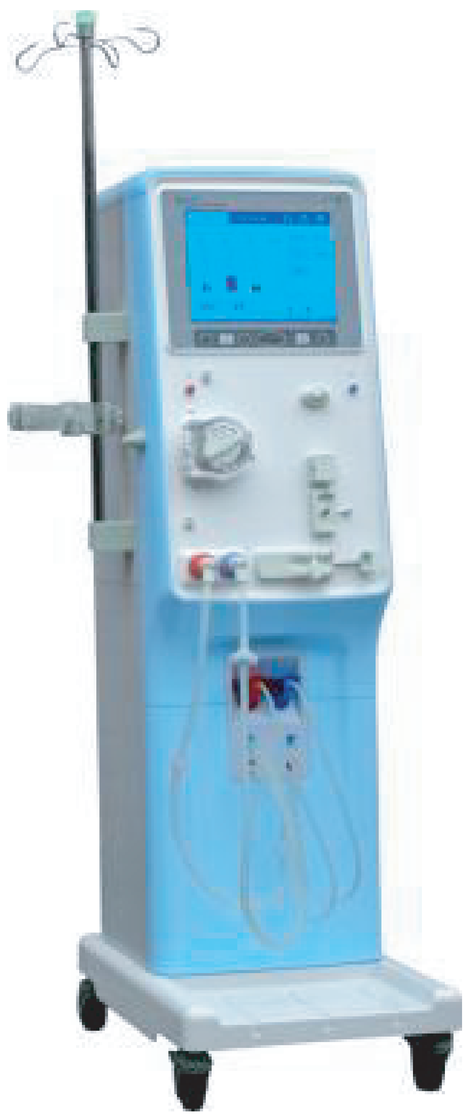
ME-4000A Hemodialysis Equipment is applied to HD, IUF, Sequential Dialysis, HP etc.

Indications

Acute and chronic renal failure, uremia, severe pancreatitis, multi organ failure, intoxication etc.

Technical Features

- 12.1 inch LCD+touch screen, English, French, Spanish, Russian etc, multi-language system enables the operation much more convenience.
- The advanced volume balance control system enables accurate control of UF.
- Dialysate mixed controlling system enables much accurate control ionic concentration of dialysate.
- Preset a variety of standard dialysate formula, also the formula can be customize for different needs. The formulas are suitable for different brands of concentrated solution or dialysis power which are available on market.
- Isolated HP mode, decrease the normal equipment’s self-testing time and dialysate waste.
- Ultra-pure dialysate supply, improve patients life quality.
- KT/V calculation evaluates the sufficiency of dialysis.
- Back –up power supply for 40 mins after electricity off.
- Bicarbonate cartridge (optional), avoid the waste of B fluid.
- Blood pressure monitor(optional), can be used for monitoring of the patient’s heart rate and blood pressure.
- Venous level detector, the operation is simple and the contamination can be avoided.



Individuation Treatment

- Patients’ treatment files can be restored.
- Variety profiles of sodium, UF rate, carbonate, heparin flow, dialysate flow, temperature for individual treatment.
- Convenient process for sequential dialysis (Dialysis←→IUF) and high-low sodium sequential dialysis.
- Single/double needle dialysis.
- Bicarbonate and acetate dialysis.

Safety Design

- Reliability and safety treatments are ensured by double safety monitoring system.
- Forcibly self-test of hydraulic, blood line and monitoring system ensure the safety and reliability of machine.
- Hydraulic system leakage monitoring system ensure the safety of treatment.
- Ultrasonic and optional monitor on venous line ensure the safety of blood return.
- Daily disinfection modes can be preset, all disinfection condition can be record.
- Monitoring system of AP, VP and TMP enable abnormal alarms more quickly.
- Double-stage endotoxin filtration, ensure the substitution fluid meets AAMI standards.

Technical Data

Dimensions(L×W×H)	1450×550×460	UF control	UF rate: 0~6000ml/h
Net weight	Aprox. 60Kg		Accruracy: ±30ml/h or ±1%
Power Supply	AC 220V, -20%~+10%, 50~60HZ	Substitution Fluid Flow	0~39L/h(HDF-online)
			0~6L/h(HDF-bibag)
Water supply	Pressure range:0~8.0bar	Heparin Injection	0~10ml/H, Accuracy ±0.1ml/H
	Temperature range		
	Water flow : ≥ 0.3L/min		Dose:0~10ml/time
VP	-700~+800mmhg, Accuracy		Syringe size:20ml, 30ml, 50ml
AP	-700~+800mmhg, Accuracy	Air Detector	Detecting ≥ 0.02ML/single bubble
TMP	-700~+800mmhg, Accuracy		Detect the bubbles
Blood Flow	0~700ml/Min	Blood leak monitor	Detecting blood leak ≥ 0.35mL/min(HCT32%)
Dialysate Flow	0~300~500~800~1000ml/Min (adjustable)	Clean Disinfection	Decalcification: Rinse,citric acid or glacial acetic acid
Dialysate	30~41°C, Accuracy ±0.5°C		Thermal Disinfection: Hot water or citric acid(>93°C)
Dialysate	0~25ms/cm, Accuracy±0.1ms/cm		Chemical Disinfection: Sodium hypochlorite or peracetic acid
Optional	Bicarbonate cartridge	Blood pressure monitor	Dialysate central supply

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