

D800 Series Hemodialysis Machine

Comprehensive Healthcare Solutions
With Advanced Technologies



D800 Dialysis Machine

Core Features

☞ Six Build-in Treatment Profiles

Originally equipped with six treatment profiles (Sodium, UF, Temperature, Heparin, Bicarbonate and Flow) to satisfy diverse treatment demands.



📶 Available Connector to **NIBP** and **SpO2**

Optional function to monitor fundamental vital signs of patients, promoting safety and visualization during the dialysis treatment.



✚ "One-Click Emergency" Function

Automatic setting of opening the bypass, stop ultrafiltration, adjust blood flow, to ensure the safety during the dialysis treatment.



Multiple **Machine Models** and **Treatment Modes Available**

Supporting treatments such as HD, HF, Online HDF, IUF and Sequential Dialysis. Friendly operation, meeting all types of demands of different dialysis center.



Open System to a Wide Range of Bloodlines

Open extracorporeal circulation system, supporting a variety of brands' bloodlines with a higher automatic selectivity.

Internet of Things - Intelligent Auto-Tracking Surveillance System

Remote monitoring of running status of the machine. Consolidate the quality of after-sales service.



Strong After-sales Service

12 months warranty for dialysis machine & Solutions provided within 24 hours & Free training to distributors and engineers.

D800 Dialysis Machine

Additional Features

Mixed-Dilution

Online HDF

Intelligent Data Management

Artery Clamp * & Artery Drip Chamber Holder

Leakage Detection

Central Delivery System-CDS A/B



Technical Specifications

Basic Parameters

Product Configuration (×:optional √:standard)

Model	D800S	D800H	D800Plus
Scope of Application	HD, IUF, Sequential Dialysis	HD, HF, HDF, IUF, Sequential Dialysis	HD, HF, HDF, IUF, Sequential Dialysis
Heparin Pump	√	√	√
Blood Pump	1	1	1
Substitution Fluid Pump	0	1	2
Nurse Call	√	√	√
Kt/V	√	√	√
Air Bubble Detection	√	√	√
Blood Leak Detection	√	√	√
Endotoxin Filter	×	√	√
SpO ₂	×	√	√
NIBP	×	×	√
Bi-catridge	×	×	√
CDS-A	×	×	√
CDS-B	×	×	√
Leakage Detection	×	×	√
PBE	×	×	√
WIFI	×	×	√
IC Card	×	×	√

Basic Parameters

Dimension	1610×534×790mm (H×W×D)
Weight	Approx. 92kg
Screen	15-inch color touch screen. 180° rotation available

Dialysate Circulation

Water Supply	
Water Inlet Pressure	0.1MPa ~ 0.6MPa
Water Inlet Temperature	5°C ~ 30°C
Maximum Outlet Height	1.2m
Ultrafiltration	
Rate	0~4000mL/h
Accuracy	±30mL/h

Hemodiafiltration	
Substitution Rate	20~600ml/min (8mm) 20~400ml/min (6mm)

Extracorporeal Circulation

Arterial Pressure Monitoring	
Range	-600mmHg ~ +600mmHg
Accuracy	±10mmHg
Venous Pressure Monitoring	
Range	-600mmHg ~ +600mmHg
Accuracy	±10mmHg
Pressure Before Entry	
Range	-600mmHg ~ +600mmHg
Accuracy	±10mmHg
Transmembrane Pressure Monitoring	
Range	-600mmHg ~ +600mmHg
Accuracy	±20mmHg
Blood Pump	
Applicable Line Diameters	6mm、8mm
Flow Ranges	20~400mL/min(6mm) 20~600mL/min(8mm)
Accuracy	±10mL/min
Substitution Fluid Pump	
Flow Ranges	20~400mL/min(6mm) 20~600mL/min(8mm)
Accuracy	±10mL/min
Air Bubble Detection	
Sensitivity	In 200mL/min standard blood flow, the system will raise the sound light alarm, stop the blood pump from running and block the venous bloodline when it detects a single air bubble is no smaller than 200μl.
Heparin Pump	
Flow Range	0 / 0.1~10mL/h
Syringe Size	5mL, 10mL, 20mL, 30mL, 50mL
Heparin Initial Dose	1.0~20.0mL 1.0~20.0mL adjustable

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