

DIACARE

Artificial Intelligence Dialysis Equipment



www.diacaresolutions.com

DIACARE Dialysis Equipment

The Diacare series hemodialysis equipment is designed to facilitate high-quality ultrapure dialysis treatment for patients.

The product incorporates an innovative modular distributed design, enabling functions such as ultrapure dialysis, precise ultrafiltration, online priming, one-touch empty system, online blood pressure monitoring, central control brake, and more. With a user-friendly UL interactive interface and a unique dual-wing door design, maintenance is made simpler. The Diacare series is poised to become a reliable assistant for dialysis patients and dialysis centers worldwide.





Ultra-pure Dialysis

With dialysis fluid filters to generate ultra-pure dialysis fluid in real time, providing patients with high-quality ultrapure dialysis treatment, reducing the occurrence of dialysis complications and improving the quality of life.



Online BPM

Equipped with a non-invasive blood pressure monitor, it can manually or automatically measure and continuously monitor the patient's blood pressure and pulse in real-time. The machine will issue an alarm when the patient experiences low or high blood pressure, enabling timely intervention by medical professionals to ensure patient safety.



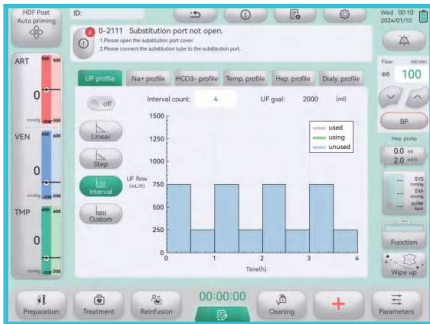
Bi-cartridge Module

Convenient and easy handling Bi-cartridge holder ensures the purity of dialysis fluid.



Central Control Brake

One-step control of the braking system simplifies the process of locking the wheels, keeping the equipment securely in place.



Individualized Treatment Plan

Offering various profiles such as UF, sodium, bicarbonate, temperature, heparin, dialysate flow rate, the system allows for the development of individual dialysis treatment plans to meet the demands of personalized clinical treatment.



Online Auto-priming

Generating ultrapure substitution fluid online, the system enables one-touch implementation of the online priming, effectively reducing treatment costs, and decreasing the workload for medical professionals through the intelligent system.



15-Inch Touch Screen

Featuring a freely rotatable and foldable LCD touchscreen, the guided user operating system facilitates simple, rapid, and secure operations and management.



One-touch Empty System

After a treatment, the machine rapidly drains the residual fluid from the bloodline, dialyzer, and bi-cartridge, making the operation simple.

DIACARE More Useful Functions

With excellent quality of safety, reliability and ease of maintenance, the Diacare series of hemodialysis equipment is an efficient assistant for medical professionals.



Accurate Heparin Pump

Automatically identifying different sizes of syringes, the heparin injection is precise, enhancing safety in preventing coagulation.



Emergency Button

Adjust the blood pump flow rate and UF rate with one touch, allowing medical professionals to deal with emergencies easily.



Online Monitoring of Dialysis Fluid Circuit

Real-time monitoring of each pump, valve and sensor provides a visual insight into the operational status of the equipment.



Kt/V Evaluation

Help doctors evaluate dialysis adequacy and guide clinical treatment prescription.



Patient IC Card*

Quickly import patient information and treatment plans to improve efficiency.



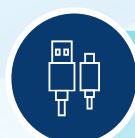
Automatic Screensaver

Prevents accidental operation and displays critical treatment parameters.



Torsion and coagulation alerts

Alerts when extracorporeal circuit pressure is abnormal.



Various Data Ports

Provides convenient equipment management and safe data transmission.



Central Fluid Supply*

Dedicated central fluid supply interface for flexible fluid supply modes.



Dual-wing Door Design

The two side covers can be opened like wings, providing friendly maintainability.

* Optional Items

DIACARE User-Friendly UI Interface

The UI is designed with comfortable color matching and theme, which is both aesthetically pleasing and helps reduce user's visual fatigue.



Modular Layout

Modular layout with clear and intuitive interface enables users to access equipment status and operation options at a glance.



Guided Interface

The guided interface allows users to easily understand and operate the equipment without the need for complex training.



Data Visualization

Data visualization design presents complex data in the form of charts and graphs, making it easier for users to understand and analyze equipment status.



Patient Management System*

- Used with contactless IC card, no additional wires or network required.
- Quickly import and manage patient information, treatment prescriptions, and setting parameters.
- Review patient treatment history at any time.

DIACARE Specifications

General Data	
Dimensions	1507×504×710 mm (H×W×D)
Weight	Approx. 102 kg
Water Supply	0.05 to 0.65MPa 5°C to 35°C
Power Supply	230×(1±10%) V ~ , 50/60×(1±2%) Hz
Battery	Support for more than 30 min.
Extracorporeal Circuit	
Arterial Pressure	-700mmHg to +700 mmHg
Venous Pressure	-700mmHg to +700 mmHg
Transmembrane Pressure	-700mmHg to +700 mmHg
Blood Pump	0 to 700 ml/min
Heparin Pump	0ml/h to 10 ml/h Syringe Size: 10 ml, 20ml, 30ml, 50ml Bolus :0 to 20 ml
Air Bubble detection	Ultrasound measurement,additional optical monitoring
Dialysis Fluid Circuit	
Dialysate Flow Rate	100ml/min to 800 ml/min
Dialysate Temperature	33.0°C to 40.0°C
Dialysate Conductivity	0mS/cm to 18mS/cm
UF Rate	0 to 4000 ml/h
Blood Leak Detection	≤0.35mL/min (Hct: 32%±5%)
Cleaning Programs	
Types	Rinse Hot Rinse Thermal Disinfection Chemical Disinfection Central Disinfection Custom disinfection
Disinfectant	Citric Acid, Sodium Hypochlorite

The specifications may be changed without prior notice. The right of final interpretation belongs to Diacare Solutions Published 02/2025

About **DIACARE** Solutions



At Diacare, we are not just a name in the renal care industry; we are a symbol of excellence, commitment, and innovation. With a strong foothold in both domestic and international markets, we stand as a beacon of trust for renal patients and healthcare providers alike.

Our presence extends across the healthcare landscape, driven by a deep understanding of market dynamics, a commitment to quality, and a passion for redefining dialysis.

In India, where the demand for medical devices is on the rise due to an ageing population and increasing investments in healthcare infrastructure, Diacare emerges as a frontrunner in providing cutting-edge solutions. Private investments in healthcare infrastructure, coupled with a surge in health awareness among the populace, create a fertile ground for our expansion. Moreover, with the government's encouragement for domestic manufacturing, we are poised to leverage these opportunities to their fullest.

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CORPORATE OFFICE :

Unit No. 408, 4th Floor, Eco Star, Vishweshwar Nagar, Off. Aarey Road, Goregaon (E), Mumbai - 400063.
Tel.: +91-22-45161475 | Email : enquiry@diacaresolutions.com

BRANCH OFFICE :

Office No. 212, Surya Kiran Building, Plot No 19, Connaught Place, K. G. Marg., New Delhi - 110001.
Mobile : +91-8800908729 | Email : enquiry@diacaresolutions.com