



Dialysis System **MIX Plus**

Designed to Simplify Dialysis Procedures



Corporate Headquarter

SHANDONG WEIGAO BLOOD PURIFICATION PRODUCTS CO., LTD.

International Business Headquarter

WEGO HEALTHCARE (SHENZHEN) CO., LTD.

19F, Building 3, Sunmax Technology Plaza, No.8 Keyuan Road,
Nanshan District, Shenzhen, China

Tel: +86 755 33892500 Fax: +86 755 33892508

E-mail: info@wego-healthcare.com

www.wego-healthcare.com/en

WEGO
THE BLOOD PURIFICATION EXPERT

MIX Plus



Co-developed with Institute of Automation
Chinese Academy of Sciences and Germany's
D.med company.

*D.med participates the development and provides consultation service
of FMC 5008 and FMC 6008 series and Nipro Surdial X series machines.

2024 French Design Award



Quality Illuminates Life



Guided by the philosophy of "Quality Illuminates Life," the MIX series was meticulously developed over a decade to meet the clinical needs of China. Co-developed by the Institute of Automation of the Chinese Academy of Sciences and Germany's D.med Company, it proudly received the 2024 French Design Award.

This series stands out for its exceptional quality and continuous innovation, striving to improve patient well-being. The MIX Plus dialysis machine integrates cutting-edge technologies, combining automatic priming, bidirectional blood drawing, automatic blood return, and waste fluid discharge into a single-button operation. This breakthrough not only simplifies workflows and enhances the efficiency of healthcare professionals but also provides patients with a safer and more convenient treatment experience.

With its unique technological appeal, the MIX Plus revolutionizes dialysis treatment, making it simpler, more efficient, and a reliable guardian of patient health.

ADAS Automated Dialysis Assistance System

Automatically performs online priming, blood drawing, blood return, and fluid discharge functions, significantly reducing the clinical workload.

Multi-Touch Technology

Optimizes user interaction, simplifies screen operations, and minimizes scene switching.

Dual Arterial Pressure Monitoring

Monitors arterial pressure before and after the blood pump to accurately calculate effective blood flow rate.

Multiple Treatment Profiles

Equipped with various built-in treatment profiles and supports customized modes to meet personalized therapy needs.

Data Communication and Export

Supports data communication with dialysis management software and other devices, while allowing equipment data export to enhance the informatization of clinical departments.

Online Clearance Monitoring(Kt/V) (Optional)

Evaluates urea clearance in real time by monitoring changes in dialysate conductivity.

BPM Automatic Blood Pressure Monitoring (Optional)

Regularly measures blood pressure and heart rate during dialysis, providing objective data for healthcare professionals.

Online Blood Volume Monitoring(Optional)

Uses optical methods to monitor hematocrit, continuously calculates RBV, and automatically adjusts ultrafiltration rates to prevent hypotension.

Centralized Fluid Supply Interface(Optional)

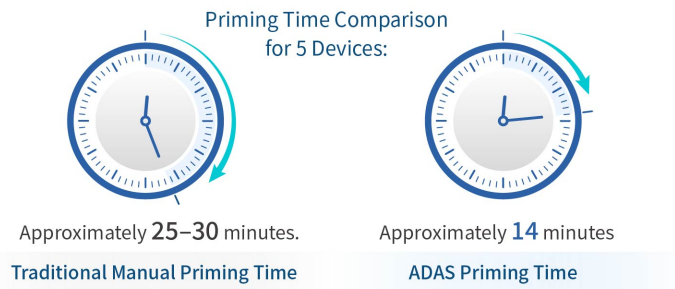
Allows the dialysis machine to connect to the central concentrate delivery system.

ADAS-Automated Dialysis Assistance System Empowers the MIX Ultimate to simplify clinical operations.

The system integrates features such as substitution fluid outlets, waste management, monitoring devices, and venous clamps to achieve full automation of priming, blood drawing, blood return, and waste discharge. With one-touch operation, it minimizes manual steps, reduces the risk of errors and contamination, and significantly enhances clinical efficiency.

Automatic Online Priming

After installing the dialyzer and extracorporeal circuit, the entire priming process is completed automatically with one-touch operation. It includes low-speed priming, high-speed priming, high-speed flushing, transmembrane priming, and high-speed circulation. Waste priming fluid is discharged automatically online, eliminating the need to install or handle saline and waste bags.



Automatic Bidirectional Blood Drawing

After priming is completed, one-touch operation enables automatic bidirectional blood drawing. Arterial and venous blood are simultaneously directed to the dialyzer, stopping automatically when they meet in the middle of the dialyzer. No further action is required, and the system can automatically or manually transition into treatment mode.

Automatic Sealed Blood Return

At the end of treatment, one-touch operation ensures the safe return of blood to the patient’s body. After monitoring and confirmation, the ADAS system automatically seals the tubing to prevent backflow.

Automatic Waste Fluid Discharge

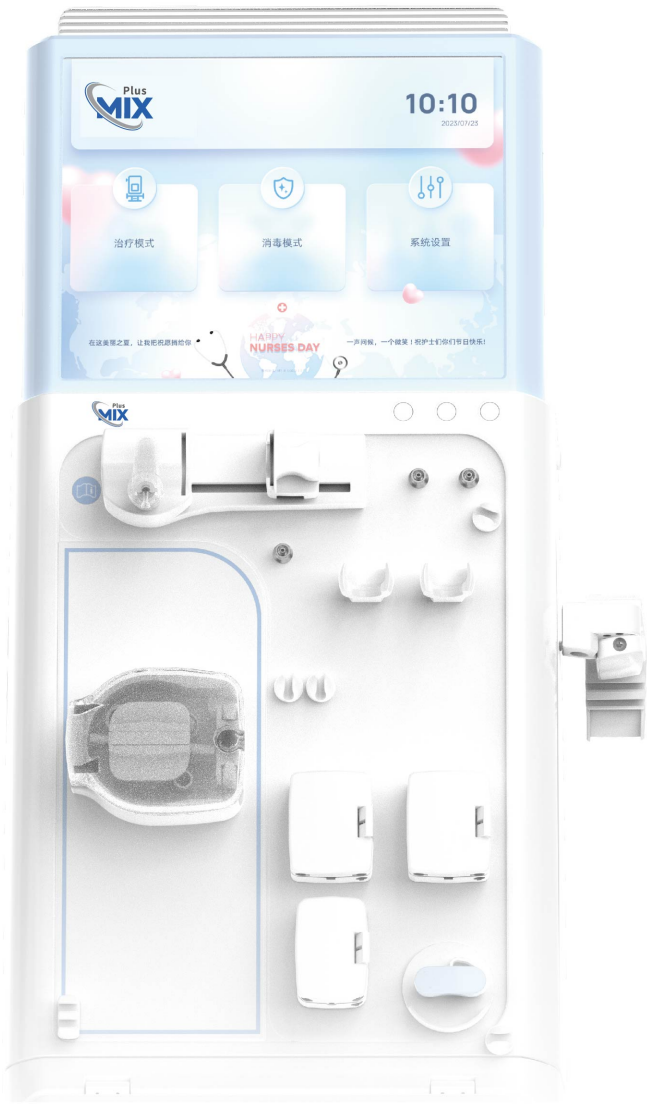
After blood return is completed, one-touch operation enables waste fluid discharge. Waste fluid is directly drained through the filter system without the need for additional containers.

Multi-Touch Technology

Redefining a More Comfortable Operating Experience

The MIX Plus Hemodialysis Machine introduces large-scale multi-touch screens, redefining the user interface. It streamlines workflows, reduces cumbersome switching, and ensures every operation is smooth and intuitive.

- The interface is clean and intuitive, offering a visually refreshing and user-friendly experience.
- Equipped with a 15-inch large touch screen , the MIX Plus clearly displays information, functions, and progress. Designed to follow clinical workflows, it simplifies complex procedures into intuitive steps, significantly improving operational efficiency.



STANDARD CONFIGURATION



Multiple Treatment Profiles

MIX series system features built-in treatment curves for ultrafiltration rate, bicarbonate concentration, sodium concentration, and dialysate temperature. It also supports customizable modes to meet the needs of personalized treatment.

Arterial and Venous Chamber Level Adjustment

Healthcare professionals can easily adjust the fluid levels in the arterial and venous chambers via the device's touch screen.



Data Communication and Export

MIX series system supports data sharing and seamless integration with dialysis management software and other related devices. Equipped with various transmission interfaces such as Ethernet, USB, and IC card, the device supports data export.

1 Emergency Operation Button

In critical situations, a single press activates automatic fluid infusion, halts ultrafiltration, and reduces blood flow rate to ensure patient safety.

2 Dual Arterial Pressure Monitoring

MIX series system is equipped with a dual arterial pressure monitoring system for both pre-pump and post-pump pressures. Pre-pump pressure monitoring provides insights into the condition of the patient's vascular access, Post-pump pressure monitoring focuses on pressure changes during dialysis.

3 Priming Waste Fluid Discharge Port

MIX series system features a dedicated waste fluid discharge port, enabling the automatic disposal of waste fluid generated before Online HDF treatment. This reduces the workload of medical staff and minimizes the use of related consumables.

OPTIONAL CONFIGURATION

1 Online Blood Volume Monitoring

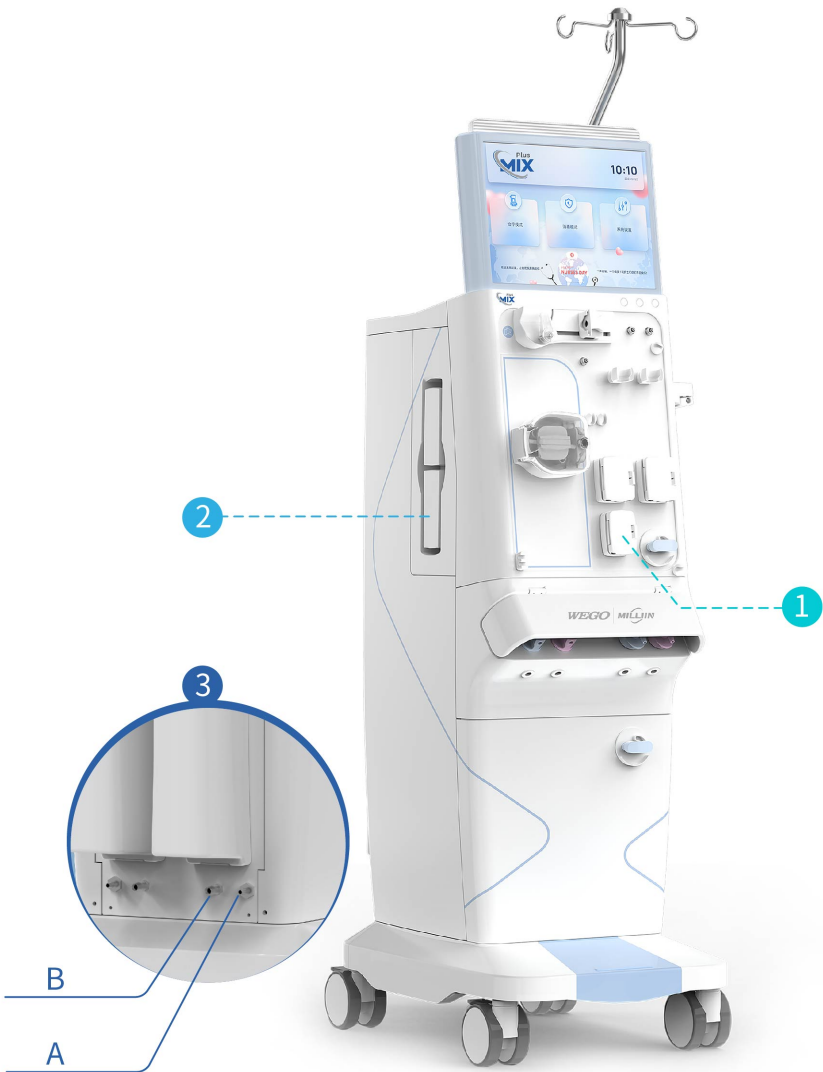
The optional blood volume monitoring module uses optical technology to continuously monitor hematocrit and calculate relative blood volume in real time. This enables healthcare professionals to assess the patient's plasma refilling status, adjust ultrafiltration rates to prevent hypotension, and provide a reliable basis for dialysis treatment planning.

2 Bicarbonate Dry Powder Holder

The dry powder holder allows for greater flexibility in dialysis fluid supply modes. It enables the online preparation of B concentrate, effectively reducing bacterial contamination and improving the quality of the dialysate.

3 Centralized Fluid Supply Interface

The device is equipped with a dedicated centralized fluid supply interface, allowing direct connection to fluid pipelines without the need for modifications.



Automatic Blood Pressure Monitoring

The BPM module supports automatic, scheduled measurement of blood pressure and heart rate during dialysis, enabling healthcare professionals to objectively monitor blood pressure status and provide crucial data for clinical decision-making.



Online Clearance Monitoring (Kt/V)

This module enables non-invasive real-time monitoring of urea clearance. By leveraging the correlation between urea and sodium ion clearance rates, it measures sodium ion clearance through changes in dialysate conductivity and converts it into urea clearance.