



## Dialysis System **MIX Lite**

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Designed to Simplify Dialysis Procedures



**WEGO**  
THE BLOOD PURIFICATION EXPERT

# MIX Lite



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, the series was honored with the 2024 French Design Award.

Renowned for its exceptional quality and continuous innovation, the series is committed to improving patient well-being. The MIX Lite Hemodialysis Machine, with its powerful functionality and highly modular design, flexibly caters to the diverse needs of healthcare institutions and physicians at all levels. It optimizes resource allocation while reducing costs.

At the same time, MIX Lite enhances the user experience with its simple and convenient operation. The combination of robust functionality and ease of use perfectly embodies MIX Lite's pursuit of being "Simplistic Yet Extraordinary."

## 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.



# STANDARD CONFIGURATION

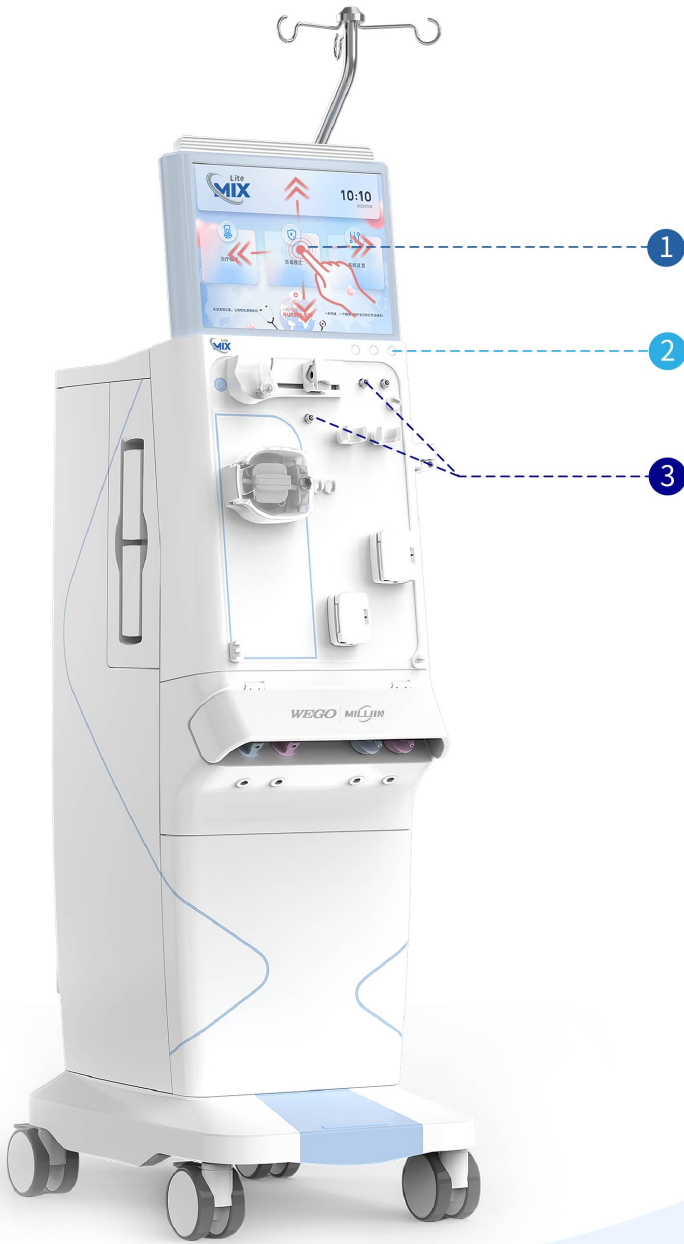


## Multiple Treatment Profiles

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.

## 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 Multi-Touch Technology

Large-scale multi-touch screens, redefining the user interface. It streamlines workflows, reduces cumbersome switching, and ensures every operation is smooth and intuitive. Capacitive screen design, offering a wider viewing angle.

## 2 Emergency Operation Button

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

## 3 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.

# 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

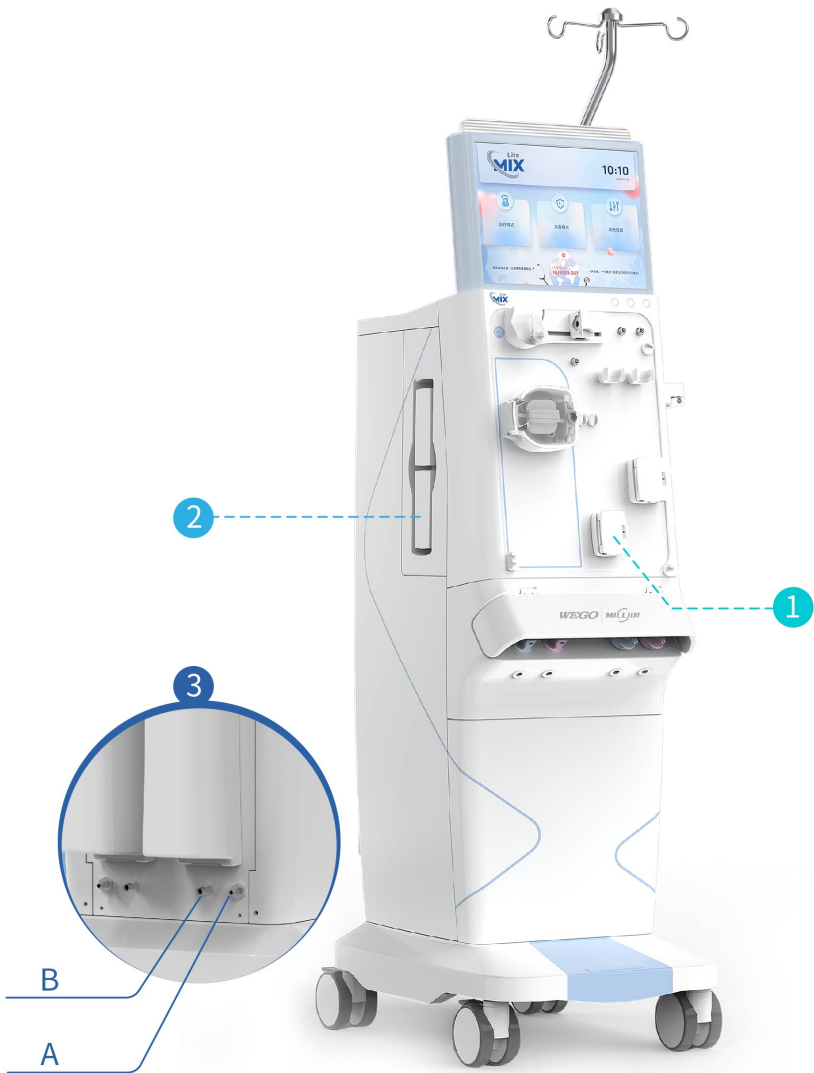
## Bicarbonate Dry Powder Holder

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.



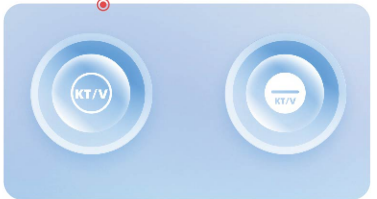
## Arterial and Venous Chamber Level Adjustment

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



## 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.