



Innovations for Human Care



DBB-06

Hemodialysis System

Offers exceptional efficacy, efficiency and reliability at an affordable life cycle cost

Nikkiso America

Brings a global legacy in hemodialysis equipment to US clinics





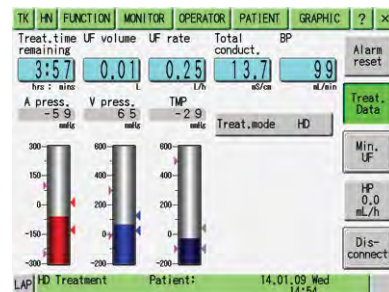
DBB-06 Hemodialysis System

Nikkiso's premier dialysis system in the US, the DBB-06 offers a full range of features such as UF and conductivity profiling, ultrapure dialysate, and patient blood pressure monitoring, and it's extremely quiet.

There are many additional features of the DBB-06 that truly make it stand out.

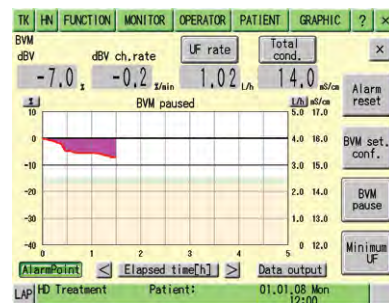
User-Friendly Features that Increase Clinical Efficiency:

- Self-prompting touchscreen interface allows easy data entry
- Storage and easy recall of up to 16 patient prescriptions saves time setting up treatment
- Priming Assist automates the priming of the bloodlines and dialyzer
- Automatic wake-up for disinfection and rinse
- Heat Citric combines daily decalcification and disinfection into one easy step



Contributes to Improved Patient Outcomes:

- The DBB-06 Haemo-Master® Blood Volume Monitor does not require additional disposables or added cost per treatment
- Adaptive feedback provides dynamic regulation of blood volume trend



Designed with Patient Safety in Mind:

- Continuous monitoring of the fluid removal system identifies and catches leaks before they cause harm, without reducing dialysis time
- Preset battery backup system for up to 30 minutes during power failures allows for automated and safe return of the patient's blood



Performance to Rely On:

- Mean Time Between Failure (MTBF) is the highest in the industry
- Easy to access internal components

Enhanced Cost-Effectiveness:

- Only requires simple annual preventive maintenance
- Resource-efficient features that minimize waste water and lower power consumption

Your Resource for Disposables:

- Nikkiso offers multi-purpose blood tubing lines for double-needle and single-needle dialysis treatments for the DBB-06



Nikkiso America: A Partner You Can Rely On

In 1967, Nikkiso developed Japan's first dialysis machine. Today, based on this time-proven technology, Nikkiso is one of the world's leading manufacturers of dialysis machines and disposables and a market leader in Europe and Asia. We are trusted for superior quality and reliability by customers who currently use 92,000 machines worldwide.

Nikkiso America brings this legacy to the US, offering dialysis clinics a resource for dialysis machines that optimize patient care, improve clinical efficiency, and reduce costs over the life cycle of the machine.

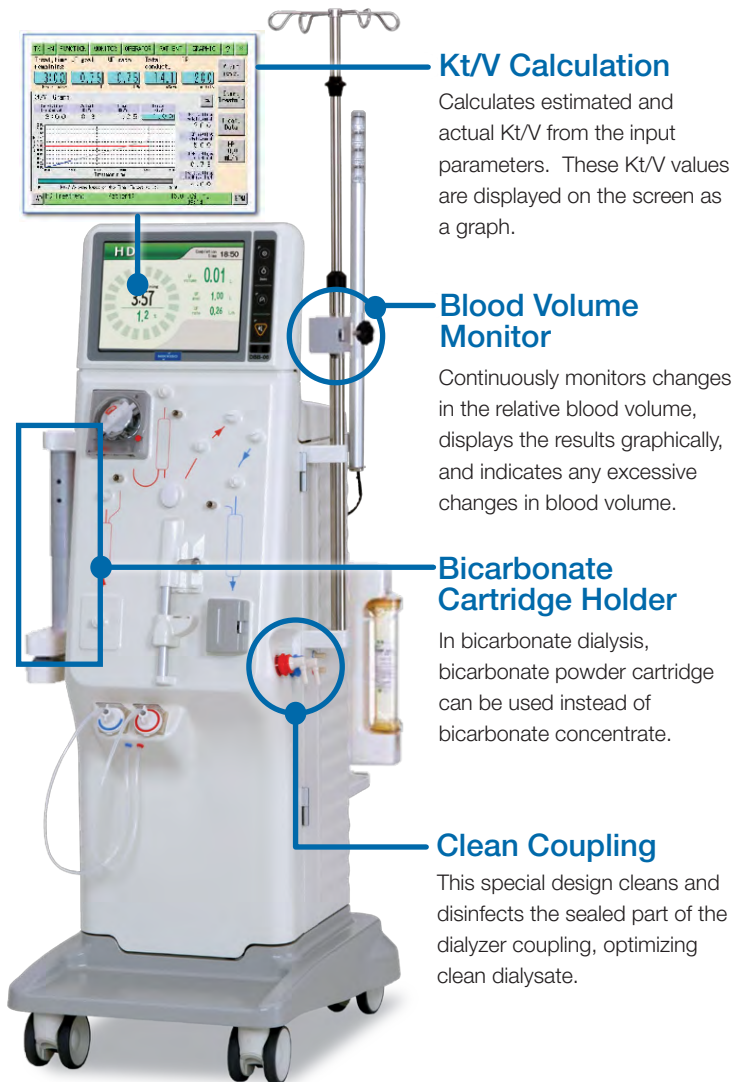
Dealing directly with human life, we take our responsibilities seriously. Our goal as a comprehensive manufacturer of dialysis products is to build and maintain the trust and peace of mind of our customers and the patients who need dialysis.

Specifications

Physical Dimensions	Height: 142 cm (56 in)
	Width: 39 cm (16 in) Depth: 48 cm (19 in) Footprint: 55 cm (W) 70 cm (D), (22 in x 28 in) Weight standard: approximately 75 kg (166 lb) Weight with all options: approximately 85 kg (188 lb)
Power Supply	AC (single-phase) 115V±10% or 230V±10%, 50/60Hz±1Hz Battery backup of extracorporeal circuit in power failure
Water Supply	Incoming Water Pressure: 15 to 101 PSI (100 to 700 kPa)
	Incoming Water Temperature: 230V AC: 5°C to 30°C (41 to 86 °F) 115V/120V AC:
	Minimum Temperature: At low voltage: 8 °C (47 °F) (500 mL/min) At normal voltage: 5 °C (41 °F) (500 mL/min)
	Maximum Temperature: 30 °C (86 °F)
Dialysate Handling	Dialysate Flow Rate (Qd): 300 to 800mL/min Dialysate Temperature: 34°C to 40°C (93.2 to 104°F) Bicarbonate Conductivity Range: 2.3 to 7.0mS/cm Total Conductivity Range: 12.5 to 15.5mS/cm Pressure Monitoring: TMP & dialysate pressure Blood leak detector sensitivity: 0.5mL 20% Hct blood/1L dialysate
UF Control System	UF rate range: 0 or 0.1 to 4.0L/h Accuracy: Qd 300 to 500mL/min ±30mL/h, Qd 501 to 800mL/min ±0.1% of Qd Continuous UF system integrity check with no loss of dialysis time
Extracorporeal Circuit	Blood Flow Rate (Qb): 40 to 600mL/min Heparin Pump: 0 to 9.9 mL/h with 10 ml, 20 ml and 30 ml Syringes Air detector: Sensitivity @ Qb 250mL/min Normal bubbles: 0.02mL Microbubbles (blood/air mixture): 0.0003mL Pressure Monitoring: Pre and Post Pump Arterial, Venous
Disinfection	Chemical: Peracetic Acid, Sodium Hypochlorite Heat Decalcification during disinfection: citric acid/heat Integration with central water heat disinfection

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician. Read and understand operation manual before use.

The appearance and specifications are subject to change without prior notice.



Kt/V Calculation

Calculates estimated and actual Kt/V from the input parameters. These Kt/V values are displayed on the screen as a graph.

Blood Volume Monitor

Continuously monitors changes in the relative blood volume, displays the results graphically, and indicates any excessive changes in blood volume.

Bicarbonate Cartridge Holder

In bicarbonate dialysis, bicarbonate powder cartridge can be used instead of bicarbonate concentrate.

Clean Coupling

This special design cleans and disinfects the sealed part of the dialyzer coupling, optimizing clean dialysate.

DBB-06 Features

Standard Features

- User Friendly Touch Screen with Color Display
- Auto Wakeup and Disinfection
- Automatic Self-test and Priming Assist
- Conductivity, Bicarbonate and Ultrafiltration Profiling
 - Pre-Set and Customizable Profiles
 - Stores up to 9 Customized Profiles
- Stores up to 16 Patient Prescriptions, Just Select Patient And Enter Target UF
- RS232 Data Connector
- Single Pump Single Needle
- Kt/V Calculator
- Technician Friendly
 - Easy to Use Diagnostics
 - Real Time Interactive Flow Diagram
 - System Event Log

Available Features

- Patient Blood Pressure Monitor
- Blood Volume Monitor with adapted feedback control (requires no disposables)
- Dialysate Filter
- Bicarbonate Powder
- Output to external nurse's station alarm

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