



# DBB-06<sup>®</sup> Hemodialysis System

Nikkiso's premier dialysis system in the US, the DBB-06<sup>®</sup> delivers an enhanced ability to consistently improve both patient outcomes and clinical efficiency.

## Featuring

# DDM

Reaching treatment goals with  
real-time dialysis dose monitoring

# Haemo-Master<sup>®\*</sup>

\* optional

Improved fluid control  
at no additional therapy cost

**A global legacy in  
hemodialysis equipment  
optimized for the US.**



Innovations for Human Care.

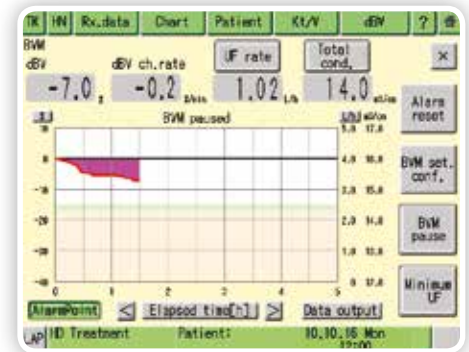
## Contributes to Improved Patient Outcomes

- The Dialysis Dose Monitor (DDM) is a real-time monitor of the dialysis dose that can assist the care provider to ensure the quality of the dialysis treatment



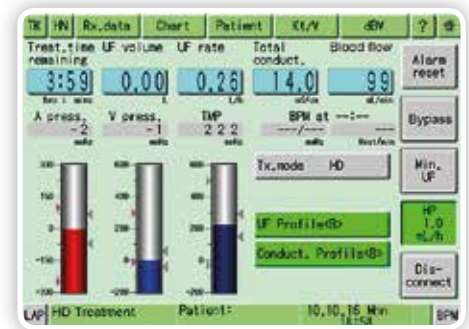
## Haemo-Master®

- The DBB-06® Haemo-Master® Blood Volume Monitor (BVM) does not require additional disposables or added cost per treatment
- The BVM aids in fluid removal, lowering complications during the session as well as long-term by helping to correct patient dry weight targets
- Adaptive feedback provides dynamic regulation of blood volume trend



## 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



## 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

- Exceptional Mean Time Between Failure (MTBF)
- Easy to access internal components

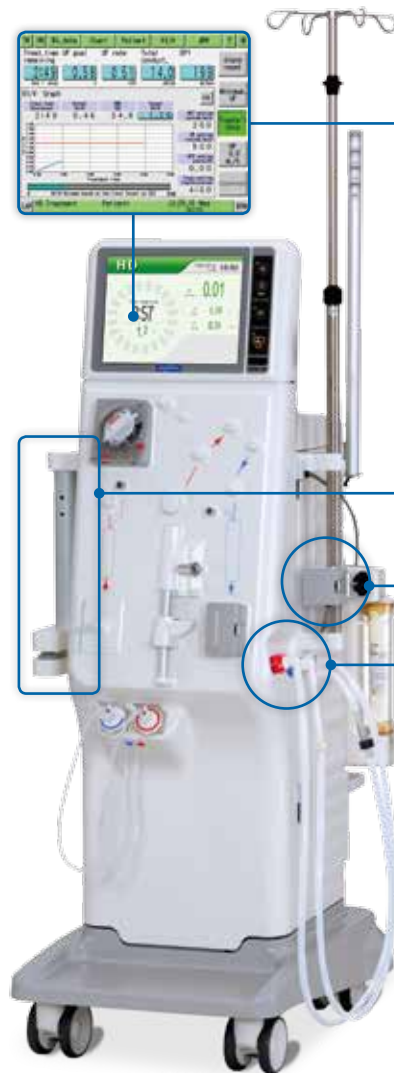
## Enhanced Cost-Effectiveness

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

## Compatible Disposables

- Nikkiso offers high-quality steam-sterilized blood tubing lines for double-needle dialysis treatments for the DBB-06®
- The DBB-06® is compatible with Streamline® bloodlines

# Hemodialysis System



## DDM

### Dialysis Dose Monitor

The measured Kt/V is displayed in graphic form with a projection line, deviations from the treatment goal can be seen at an early stage.

### Bicarbonate Cartridge Holder

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

## Haemo-Master®

### Blood Volume Monitor

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

### Clean Coupling

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

## Standard features

- User-Friendly Touch Screen with Color Display
- Auto Wake-up 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
- Dialysis Dose Monitor (Kt/V) **DDM**
- Technician Friendly
  - Easy to Use Diagnostics
  - Real Time Interactive Flow Diagram
  - System Event Log

## Options

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

## 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 %, 50/60 Hz ± 1 Hz		
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 800 mL/min		
	Dialysate Temperature:	34 °C to 40 °C (93.2 to 104 °F)		
	Bicarbonate Conductivity Range:	2.3 to 7.0 mS/cm		
	Total Conductivity Range:	12.5 to 15.5 mS/cm		
	Pressure Monitoring:	TMP & dialysate pressure		
	Blood leak detector sensitivity:	0.5 mL 20% Hct blood / 1 L dialysate		
	UF Control System	UF rate range:	0 or 0.1 to 4.0 L/h	
Accuracy:		Qd 300 to 500 mL/min ± 30 mL/h	Qd 501 to 800 mL/min ± 0.1 % of Qd	
Continuous UF system integrity check with		no loss of dialysis time		
Extracorporeal Circuit	Blood Flow Rate (Qb):	40 to 600 mL/min		
	Heparin Pump:	0 to 9.9 mL/h with 10 ml, 20 ml and 30 ml Syringes		
	Air detector:	Sensitivity @ Qb 250 mL/min		
		Normal bubbles:	0.02 mL	
		Microbubbles (blood/air mixture):	0.0003 mL	
Disinfection	Pressure Monitoring:	Pre and Post Pump Arterial, Venous		
	Chemical:	Peracetic Acid, Sodium Hypochlorite		
	Decalcification during disinfection:	Heat disinfection/decalcification (50% Citric Acid)		
	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.

## 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 the world's number two manufacturer and supplier of dialysis machines and disposables. We are trusted for superior quality and reliability by customers who currently use 100,000 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.

To learn more, call us at (858) 222-6300 or email us at [info@nikkisoamerica.com](mailto:info@nikkisoamerica.com)

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