

PHOENIX X36

Flexible HD and Easy
to Use — A System Built
for Clinicians



Hemodialysis
System

Baxter

PHOENIX X36

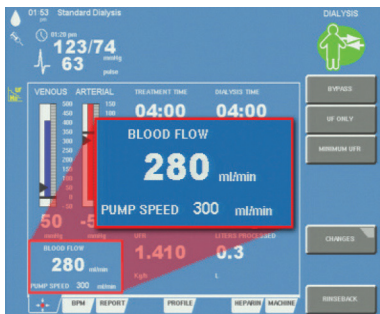
The PHOENIX Hemodialysis System

The PHOENIX X36 Hemodialysis Delivery System is intended to be used to provide high-flux and low-flux hemodialysis, hemofiltration, and ultrafiltration on patients weighing 15 kg or more. With features such as real-time Kt/V monitoring through the DIASCAN Monitoring System, compensated blood flow, full-color touch screen, and sodium and UF profiling, the PHOENIX X36 Hemodialysis System is designed to help provide effective hemodialysis therapy.

Multiple automatic features¹

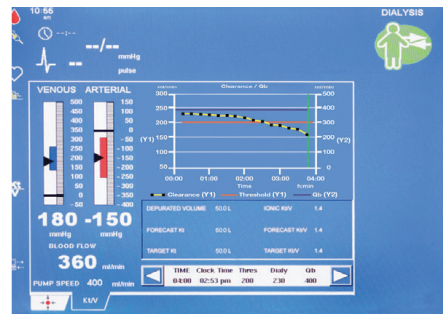
- Machine safety tests at the beginning of each treatment
- Safety tests performed every morning
- Calibration of the UF system performed during treatment
- Testing of the DIACLEAR Ultrafilter Membrane

Clinical tools designed to assist patient monitoring



Compensated Blood Flow¹

- Actual blood flow compensated for the negative arterial pressure
- An accuracy of +/-10% of blood flow to pump speed*



DIASCAN Monitoring System¹

- Ionic Clearance and Plasma Conductivity measured during the treatment
- Forecast Kt/V delivers information on status during treatment
- Ability to compare previous patient treatments to assess dialysis efficacy
- Potential blood circuit issues can be monitored by comparing Ionic Clearance and blood flow
- Automatically calibrated every day

* In double needle mode, if the pressure before the pump, given by the pressure in the arterial chamber of the cartridge, is higher than -150 mmHg.



BICART Cartridge¹

- Online preparation of sodium bicarbonate solution
- BICART Cartridges come in 2 sizes
- BICART Cartridges can be reused within 24 hours



No Documentation



No Bicarbonate Mixing



Cartridge Blood Set

- Non-invasive system
- Compact bloodline
- Low extracorporeal blood volume: 103 mL
- Sterilized by gamma radiation



No Transducer Protectors



No Risk for Cross-Contamination



WHO Device - Waste Handling Option¹

- Functionally integrated into the Cartridge Blood Set
- Priming fluids go directly to the drain
- No priming bucket required



No Priming Bucket



IT Connectivity¹

- Standard Ethernet network connection
- Connects to electronic medical record
- Integrates with patient prescription downloads with the EXALIS Dialysis Management Tool

Baxter Global Services (BGS) is a nationwide service provider for all Baxter products.

BGS has a strong tradition of providing exceptional service to our customers by helping them comply with local, state, and federal guidelines in respect to maintenance of medical devices. BGS certified field service reps are strategically located throughout the country to quickly respond to your service needs. Every PHOENIX X36 Hemodialysis System comes with a standard 12-month warranty, but to help maximize the product's life and reduce down time, BGS offers a variety of service options to meet your needs.

Gold Partnership

It's a comprehensive program that keeps your product maintained to current manufacturer's specifications. Using computerized scheduled maintenance, original manufacturer's parts, and geographically placed certified technicians with certified test equipment, your machine performance is maintained at a fixed cost. This program provides:

- Solutions at a fixed cost
- Reduced downtime of machines
- No unforeseen equipment repair costs

Includes:

- Parts, labor, and travel
- One preventative maintenance per year per product
- Regulatory documentation
- Manufacturer's parts
- 4-hour call response
- Most repairs completed within 24-72 hours



Silver Partnership

This is a multi-level contract-based program. The program uses the customer's Baxter Certified staff to provide first look and minor repairs with the support of Baxter's technical phone team. Our BGS staff provides additional on-site support for more advanced issues and preventative maintenance.

Includes:

- Parts, labor, and travel
- One preventative maintenance per year per product
- Regulatory documentation
- Manufacturer's parts
- 4-hour call response
- Most repairs completed within 24-72 hours

Bronze Partnership

The Bronze Partnership focuses on the annual preventative maintenance needed for machines each year and is designed to assist the clinic with overall operational effectiveness.

Includes:

- One preventative maintenance per year per product
- Regulatory documentation

PHOENIX X36 Hemodialysis System Specifications

Physical Dimensions

Height:	56.7 in without IV pole
Width:	24 in
Depth of base:	27.9 in
Footprint:	671.3 in ²
Footprint with back shelf:	879.3 in ²
Dry Weight:	264.5 lb (120 kg)

Electrical Power Supply Requirements

115 V ±10%, 60 Hz, 16 A (12 A without heat disinfection)
or 230/240 V ±10%, 50/60 Hz, 10 A

Water Supply Requirements

Refer to both local and AAMI standards for water quality

Pressure:	14.5 to 87 psig (100 to 600 kPa)
Flow:	1.1 L/min
Temperature:	50°F to 90°F (10°C to 32.2°C)

Drain

Maximum height above floor level:	39.4 in (1 m)
Maximum distance to drain:	118.1 in (3 m)
Flow:	1.1 L/min maximum
Temperature:	203°F max (+95°C max)

Dialysate Handling

Temperature Range:	93.2°F (+34°C) to 103.1°F (+39.5°C)
Flow rate:	350 to 800 mL/min with steps of 50 mL/min
Flow rate accuracy:	±5%

Blood Handling

Blood Flow: 10 to 530 mL/min

- Non-invasive pressure monitoring
- Single Needle option available
- Heparin pump 0.0/0.5 to 10.0 mL/h linear infusion rates; delivery also by automatic or manual bolus
- Can accommodate 10, 20, and 30 mL syringes
- Ultrasonic Air Bubble Detector can detect bubbles as small as 20 µL
- Blood Leak Detector: infrared light detector

Ultrafiltration Rate

Range: 0.0 to 4.0 kg/h

Accuracy: ±2%

Maximum Total Programmable Target Weight Loss: 30 kg, to be obtained in a linear treatment time of up to 8 hours

Included Features

- Arterial and Venous Pressure Monitoring
- Color Touch Screen
- DIASCAN Monitoring System
- Compensated Blood Flow
- UF and Sodium Profiling
- Blood Pressure Monitoring
- BICART Cartridge Holder
- DIACLEAR Ultrafilter Holder
- Central Concentrate Connection
- pH Probe
- Ethernet Port Standard

Options

- Battery Backup Kit
- Single Needle



For more information visit www.esrddialysis.com,
or contact your Baxter Sales Representative

Rx Only. For safe and proper use of the device mentioned herein, please refer to the Instructions for Use or Operator's Manual

References

1. Phoenix Hemodialysis System Operator's Manual, Rev. B, SW Revision 3.40.

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