PHOENIX X36
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 Cartridge**
- Online preparation of sodium bicarbonate solution
- BICART Cartridges come in 2 sizes
- BICART Cartridges can be reused within 24 hours

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

**Waste Handling Option**
- Functionally integrated into the CARTRIDGE Blood Set
- Priming fluids go directly to the drain
- No priming bucket required

**IT Connectivity**
- Standard Ethernet network connection
- Connects to electronic medical record
- Integrates with patient prescription downloads with the EXALIS Dialysis Management Tool
Gambro Technical Service (GTS) is a nationwide service provider for Gambro* products.

GTS 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. GTS-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, GTS offers a variety of service options to meet your needs.

Premier 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

Elite Partnership
This is a multi-level contract-based program. The program uses the customer’s GTS-certified staff to provide first look and minor repairs with the support of the GTS phone team. Our 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

Select Partnership
The Select 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

* Now Baxter
# PHOENIX X36 Hemodialysis System Specifications

## Physical Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>56.7 in, without IV pole</td>
</tr>
<tr>
<td>Width</td>
<td>24 in</td>
</tr>
<tr>
<td>Depth of base</td>
<td>27.9 in</td>
</tr>
<tr>
<td>Footprint</td>
<td>671.3 in²</td>
</tr>
<tr>
<td>Footprint with back shelf</td>
<td>879.3 in²</td>
</tr>
<tr>
<td>Dry Weight</td>
<td>264.5 lb (120 kg)</td>
</tr>
</tbody>
</table>

## 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)

## 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

## 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

## 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%

## 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

## Ultrafiltration Rate Specimen Flow Rate

- Accuracy: ±2%
- Maximum Total Programmable Target Weight Loss: 30 kg, to be obtained in a linear treatment time of up to 8 hours
Contact your local Baxter sales representative to learn more about the product. 
For Customer Support call 800-525-2623.

Rx Only. For the safe and proper use of the device mentioned herein, refer to the appropriate Operator’s Manual.

References:

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www.baxter.com