

# The new AK 96<sup>®</sup> machine



Perfecting performance

 **GAMBRO<sup>®</sup>**

# The ultimate value of perfecting performance

As the leading innovator in renal care, Gambro is constantly seeking new ways to perfect the performance of therapy delivery.

The compact AK 96<sup>®</sup> machine enables dialysis providers to consistently deliver the highest level of quality and safety in hemodialysis (HD) treatment with improved cost-efficiency.

## Inspired by healthcare professionals

With over 50,000 AK machines in routine use around the world and through close interaction with healthcare professionals, we continuously identify how to improve the patient experience, staff satisfaction and operational efficiency of dialysis providers. The AK 96 machine is a direct result of these on-going dialogues.

## Based on leading Gambro technology

The AK 96 machine takes the best of the well-regarded AK 95 S and AK 200 machines and adds more flexibility and greater savings. Innovative features such as the Diascan<sup>®</sup> System and a completely new user interface offer a simpler way to consistently deliver flexible high quality treatments. The standby mode allows providers flexibility in fluid preparation and saves water, concentrates and staff effort.

## Tailored to your exact needs

With a range of configuration options, the AK 96 machine can be tailored to meet the performance needs of all dialysis providers. You can improve your patient experience or your clinic efficiency—or why not both? With the AK 96 machine, you have the freedom to choose.



The AK 96 machine—perfecting performance

- The highest level of quality and safety in HD treatment
- Improved cost-efficiency and reliability

# Uncompromised treatment quality and safety

Gambro machines have always been synonymous with the most advanced safety systems. The AK 96 machine is no exception. A combination of proven technology and new features assures dialysis providers they are giving the best and safest form of HD treatment.

## Diascan System—control your dialysis dose

The Diascan System is a non-invasive fully automated on-line feature providing real-time clearance surveillance and Kt/V measurement. With a reduced need for blood sampling, the Diascan System enables improved control and consistency in treatment delivery.

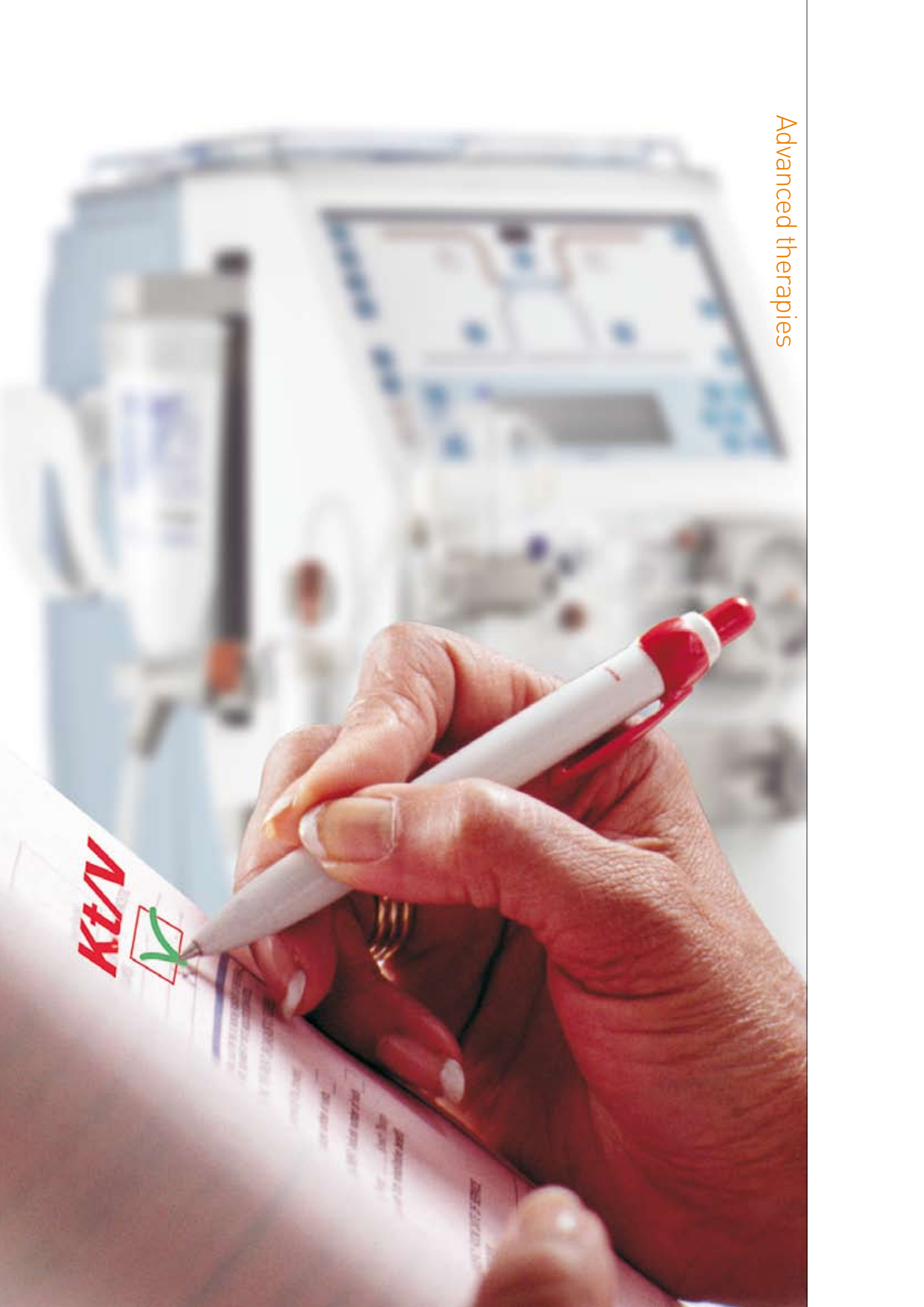
## The Gambro Hygienic Chain—from tap to drain

Designed to prevent biofilm and bacterial growth and stop endotoxins from reaching patients, this chain reduces the risk of treatment-related inflammatory episodes, microbiological side effects and possible exposure to toxic disinfectants for better patient outcomes. In the AK 96 machine, the chain offers full control and traceability through recorded disinfection history, complete integration with water treatments, an U9000® Ultrafilter for ultra-pure dialysis fluid, 93°C heat disinfection and a fully drainable single pass fluid path.

## Safe concentrate dosing

The AK 96 machine enables individual parameter settings for concentrate composition. With conductivity and flow-rate controlled concentrate dosing and a deviation alarm, the machine ensures the best patient treatment is delivered in the safest way.

Advanced therapies



# Simplifying care for greater staff satisfaction

The AK 96 machine automates and simplifies work processes so you can spend time on what really counts—your patients and their health.

## Easy to learn, easy to use

With logical symbols and intuitive information, the user interface of the AK 96 machine makes understanding easy and operator training less time-consuming. The AK 96 machine also provides assistance with automated processes during priming, patient connection, and rinse-back.

The convenient alarm overview and the direct access to ongoing alarm conditions greatly reduce stress in treatment.

## Attend patients, not machines

The standby mode allows the machine to be dressed and primed when convenient for staff. When needed, the machine can be ready for patient treatment in less than two minutes by pressing one button.

Finally, the machine allows many configuration options that minimize set-up time and reduce the risk of error.





### Compact size, greater mobility

The AK 96 machine has a compact lightweight body with smooth-lock wheels that make it easy to unlock, move and relock the machine in place.

For staff, the ergonomic design improves working positions, makes the machine more accessible and frees up space around patients.

### Convenient disinfection

A full range of convenient and cost-effective disinfection strategies can be used with the AK 96 machine, ranging from chemical to heat disinfection. The automated heat disinfection allows night time procedures to significantly reduce labor and chemical costs.

Furthermore, integrated disinfections with the water production unit make it even more convenient by enabling the machine to be ready when needed.

# Ideal for demanding environments

The AK 96 machine is designed for reliable cost-efficient operation and maintenance in demanding environments. With this machine, heat, humidity, resource constraints and confined space are less of an issue for dialysis providers and patients.

## Robust engineering

The design, materials and components of the AK 96 machine have all been selected and proved to provide reliable everyday operation in the toughest of dialysis provider environments.

## Separate control and protective systems

Separate hardware for the control and protective systems ensures that each system operates independently for a higher level of safety.

## Battery back-up

The integrated battery back-up secures treatment flow in environments prone to fluctuating electrical supplies, as well as a smooth termination of treatment in cases of longer interruptions.

## Easy to service

The software design of the AK 96 machine enables any deviations to be checked immediately. If problems are discovered, the majority of internal components can be quickly accessed and replaced.

## Concentrate saving

By using the no-consumption standby mode, valuable resources such as concentrates and water can be saved.

## Adjustable QD

Adjustable QD optimizes dialysate consumption vs. Kt/V target and prevents resource wasting. Fine-tuning QD/QB to the desired ratio is simple.

## Flexible clinic configuration

The compact size and mobility of the AK 96 machine makes it well-suited to space-constrained clinics with high and growing patient loads.



Reliable operation





### Treatment quality—consistent high quality at each session

- Diascan® System
- Profiling
- Blood Pressure Monitor

### The Hygienic Chain—ensuring Gambro quality and safety

- BiCart® Cartridge holder
- U9000® Ultrafilter
- Fully drainable single pass fluid path
- 93°C heat disinfection

### Safety—for improved treatment confidence

- Conductivity-based and flow-rate controlled concentrate dosing
- Battery back-up
- Arterial clamp

### Operational efficiency—optimizing the care process

- Stand-by mode
- Assisted priming
- Automated disinfection processes
- Compact size for easy clinic configuration

### Ease of use—more time to care

- Intuitive user interface
- Pre-configuration options
- Assisted priming, rinse-back and profiling modules

# Dialysis your way

The flexibility of the AK 96 machine enables dialysis providers to choose the configuration that best meets their needs.

	Basic version	Efficient BPM version	Advance version	Bio version
BiCart®/Syringe pump	X	X	X	X
Arterial clamp		X	X	X
Variable fluid flow		X	X	X
Battery back-up		X	X	X
Diascan® System			X	X
Blood Pressure Monitor		X		X
U9000® Ultrafilter holder				X

The **Basic version** of the AK 96 machine provides safe and productive HD – nothing more or less.

The **Efficient BPM version** of the AK 96 machine provides safe, efficient HD with blood pressure monitoring.

The **Advance version** of the AK 96 machine also includes the Diascan System, a complete quality control tool to help ensure the safe and efficient delivery of the correct prescribed dialysis dose.

The **Bio version** of the AK 96 machine is the top of the range system that ensures safe, efficient, controlled & biocompatible HD.

Other features such as Alarm Poles and pH Probes can be fitted on any version of the AK 96 machine during installation.

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