AK 95 S
Dialysis machine
Part of Gambro’s complete HD system
The reliable dialysis machine that’s easy to use

The Gambro AK 95 S dialysis machine is designed to make dialysis treatment as simple as possible. Most operating functions are automated. The machine is just 35 cm wide and weighs only 62 kg, so it’s easy to move, store and fit with the optional Gambro WRO 95 water purification unit. With its smaller dimensions and ease of use, the AK 95 S is a smart solution in environments where space is at a premium, or where patients take part in the preparation and monitoring of their own dialysis.

The AK 95 S has a hygienically engineered flow path utilizing the Gambro CleanCart concept to ensure hygiene standards remain high, and can be easily maintained even in the busiest clinics. And since all machine components are designed for the rigours of daily clinical use, maintenance and repair intervals are long. That combined with the simple operation of the AK 95 S keeps operating costs low.
Quality patient care, as simply as possible

The AK 95 S meets rigorous performance and safety standards, and can perform most standard dialysis treatments. At the same time, it’s simple enough to use as part of a patient self-care programme — either in the home or in a clinical environment.

The AK 95 S is easy to monitor and control during treatment. A programmable memory stores your clinic’s standard treatment modes and parameter values and initiates them at start-up. Once the time and UF volume are set, the machine calculates the UF rate and automatically compensates for non-UF time to ensure the desired weight loss is achieved. Non-diffusion time is also automatically calculated and displayed. Isolated UF mode is activated at the touch of a button; once the phase is completed, the machine automatically switches to dialysis mode.

The information display can be read at a glance, even from a distance, and provides guidance in clear text. The operator can choose to view four key values during treatment, including the remaining treatment time. All parameters are easily adjusted with the select arrow and set knob. The AK 95 S can be equipped with an optional remote operator’s panel, enabling the machine to be operated comfortably from a sitting position.

A network of sensors and safety systems monitors the patient throughout the treatment. An indication of blood access condition is given by an accurate display of arterial pressure. Alarms, in general, are configured to sound only when necessary, making operation more stress-free for staff and patients alike. For convenience, the AK 95 S can be connected to Gambro computer systems. This enables you to automatically save all treatment parameters for medical records or quality control purposes — minimizing paperwork and offering instant access to treatment information. A comprehensive training and support programme is available to help you and your staff take advantage of all AK 95 S benefits.
Hygiene and maintenance

The AK 95 S is designed with your patients’ safety in mind. A carefully engineered flow path, combined with the BiCart dry bicarbonate system and CleanCart Cartridge disinfection system, ensure adherence to the strict hygiene standards demanded in modern dialysis treatment. You also have the option of using Gambro’s ultra-filtered dialysis fluid system to provide extra protection against microbial contaminants. The machine’s components will stand up to heat or chemical disinfection. When the machine is turned off, it completes the disinfection programme and automatically powers down. For convenience, your entire week’s disinfection schedule can be pre-set.

Pre-setting, logging, check-ups, calibration and troubleshooting are carried out on the information display or from an external PC. Reliable, long-lasting components reduce the need for servicing and help ensure patients’ safety. When service is necessary, the machine’s open design makes all internal components easily accessible. The AK 95 S is also compatible with other Gambro machine models, simplifying maintenance and spare parts management.

Quality and expertise

Gambro specializes in the design and production of complete HD systems— from dialysis machines and water purification units to dry concentrates, blood lines and dialyzers. Gambro dialysis machines, including the AK 95 S, are built at our production facility in Lund, Sweden. The site also features an extensive research department, which focuses on developing improvements for everything from basic materials to treatments systems.

Machines are assembled by qualified technicians and tested extensively before they leave the assembly area. Each machine has been designed, manufactured, tested and released in accordance with EN-ISO 9001/EN 46001. Continued compliance with the required standards is monitored by various regulatory bodies.

Specifications are subject to change without notice. For further information and operating instructions, please refer to the operator’s manual.