



SIMPLE

Inspired by user needs, the **AK 98** machine is purposefully designed to simplify operation and minimise nursing workload – from treatment setup to monitoring and disinfection.¹

- ✓ Prescription download with IT bidirectional connectivity
- ✓ Intuitive user touchscreen
- ✓ Measurement of Kt/V with **Diascan** monitoring system
- ✓ Short time between treatment, 5 mins + function check
- ✓ Smart Alarms for nurse prioritization with 360 degrees visibility
- ✓ Treatment, alarm and disinfection history
- ✓ Self clearing Arterial/Venous alarms
- ✓ Complete Baxter portfolio available for the **AK 98** machine
- ✓ Battery back-up time 30 min
- ✓ Validated concentrate supply methodology

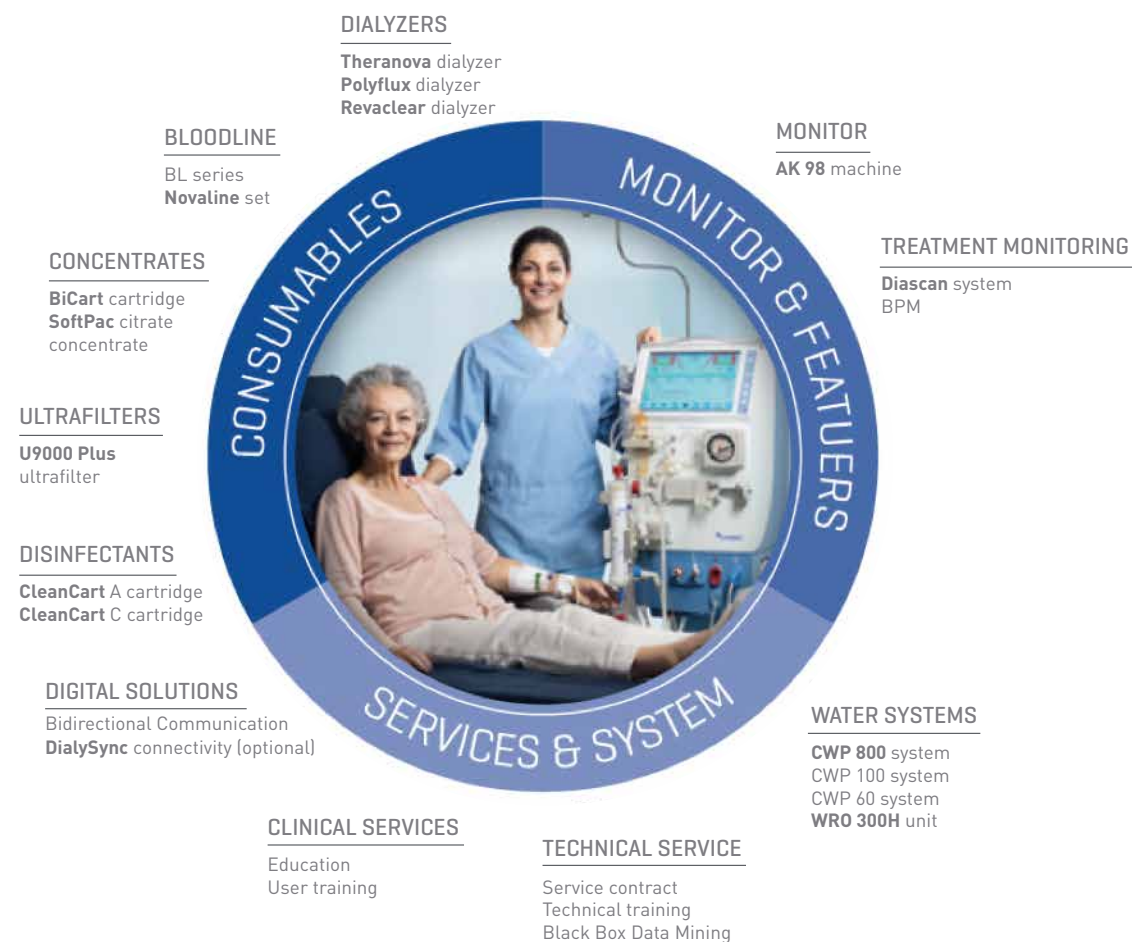
VERSATILE

The versatility of the **AK 98** machine makes it suitable for the majority of HD patients, including those requiring HDF performance with **Theranova** dialyzer in the removal of large middle molecules (25 kDa to <60 kDa); adults and patients upwards of 25 kg; short daily or nocturnal dialysis.¹

- ✓ IT bidirectional connectivity with data encryption (optional)
- ✓ **DialySync** connectivity: a Cloud based one way communication
- ✓ Black box data mining
- ✓ Varied disinfection cycles to meet clinic needs
- ✓ Pre-configuration options/presets available (start-up values, limits)
- ✓ Concentrate Stand-by mode
- ✓ Patient disconnection available during treatment
- ✓ Battery Back up time 30 mins
- ✓ Remote panel (optional)

YOUR TOTAL SOLUTION

When combined with the extended Baxter HD offering, the **AK 98** machine has the versatility to simply and effectively meet the clinical needs of the majority of your HD patients. Supported by Baxter's Technical, Clinical and Educational services the **AK 98** machine can be seamlessly introduced and maintained within your program.



YOUR TRUSTED PARTNER IN RENAL CARE

Committed to saving and sustaining lives.

Baxter is committed to continual innovation of products and services to help ensure every customer can provide the most effective treatment delivery and haemodialysis program. The **AK 98** machine builds on this commitment, with integrated features that give you the versatility to allow you to simply treat the majority of your haemodialysis patients.

For safe and proper use, please refer to the Operator's Manual of the device or appropriate disposables' Instructions for use.

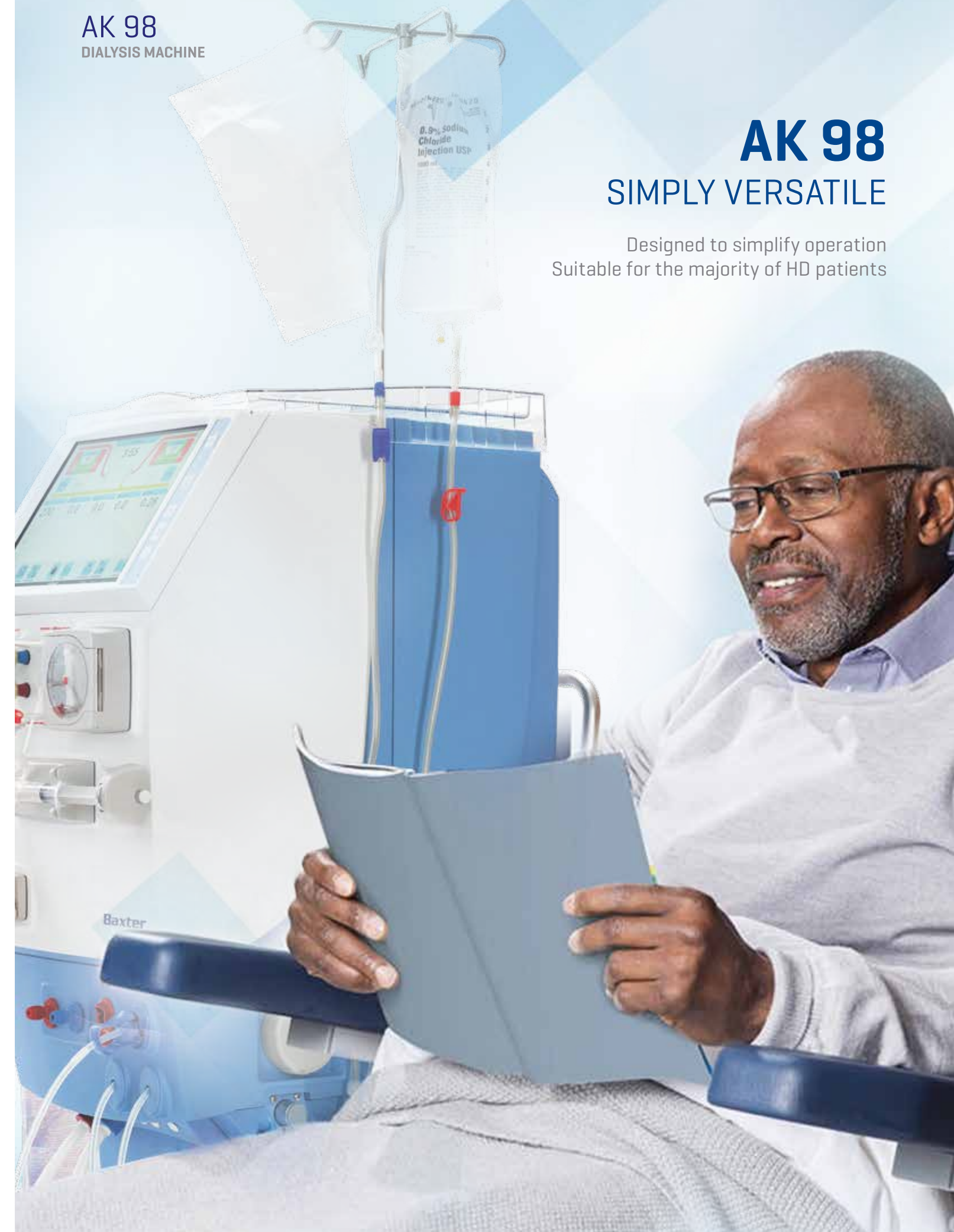
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Baxter

AK 98
DIALYSIS MACHINE



AK 98 SIMPLY VERSATILE

Designed to simplify operation
Suitable for the majority of HD patients

renalcare.baxter.com

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1. AK 98 Operators Manual HC12975001.

In today's complex and demanding healthcare environment, clinicians are striving to find affordable ways to achieve quality HD standards with efficient treatments.

A critical requirement is a simple-to-operate HD device that may provide you with the capabilities to effectively meet the needs of the vast majority of your HD patients.

SIMPLY VERSATILE

The **AK 98** machine is simply designed to provide you with the versatility to treat the needs of your renal patient group in a range of treatment settings, while controlling operational costs and improving clinical workflow.

Building upon 20-plus years of renal expertise, the **AK 98** machine aims to help clinicians meet the evolving needs of their HD patients to maximise therapy delivery and the quality of patient care now and in the future through enhanced simplicity and versatility.



SIMPLY VERSATILE



IT CONNECTIVITY FOR SIMPLE WORKFLOWS AND DATA HANDLING¹

Connectivity between the **AK 98** machine and your central IT network allows seamless management of clinic and patient information. Staff can effortlessly access patient data and may reduce the time traditionally spent manually handling documents may reduce the risk of human errors.¹



INTUITIVE TOUCHSCREEN FOR SIMPLE DIALYSIS MONITORING

Designed to be easy-to-use for a wide range of operators – from the novice patient to skilled practitioners, the advanced touch screen uses few button pushes to simplify treatment set-up. It provides easy visibility of treatment parameters with operator messages helping to guide the decision-making process.



SIMPLE TREATMENT MONITORING WITH DIASCAN SYSTEM^{2,3,4}

To support the achievement of clinic targets and national guidelines, the **AK 98** machine incorporates the **Diascan** in bold on-line monitoring system – a real time measurement of treatment delivery that can proactively alert the user if the prescription target will not be reached.



SIMPLE PREPARATION AND DISINFECTION FOR DECREASED TIME BETWEEN TREATMENTS

For the busiest clinics, only a 5-minute decalcification cycle¹ + function check is required, enabling short time between treatments and few button pushes. Short heat disinfection cycles (25 mins plus function check*) with citric acid to ensure system integrity is not compromised.¹



SIMPLE PROGRAMMING FOR STRAIGHTFORWARD PRESCRIPTION MANAGEMENT

Common clinical settings can be pre-set to limit the number of parameters that need to be programmed for each patient.



SIMPLE ALARM HANDLING FOR CLEAR PRIORITISATION

Centrally positioned external alarm provides visible indicators for simple session monitoring and timely intervention.



VERSATILE IN ANY TREATMENT SETTING

Small, easy-to-manoeuvre and intuitive, the **AK 98** machine is the system of choice for hospital, self-care and home settings. The **AK 98** machine comes with a selection of full support options including technical & clinical support and full product portfolio.



VERSATILE TREATMENT OPTIONS

Suitable for the majority of HD patients, the **AK 98** machine offers personalised therapy with flexible dialysis fluid and blood flow rates and multiple configurable pre-sets and retrieval of patient prescriptions.¹ It enables individualisation through **Diascan** system, supports sodium and bicarbonate profiling and isolated UF and allows access to most of the concentrate delivery choices including citrate.



VERSATILE HYGIENIC CHAIN CONCEPT

Maintaining fluid purity requires the versatility to take care of the entire chain of components and processes involved within HD – from tap to needle.⁵⁻¹³ We ensure this through our Hygienic Chain concept.



VERSATILE EXPANDED HD RETAINING HD SIMPLICITY

The **AK 98** machine's versatility allows **HDx** therapy enabled by the **Theranova*** dialyzer, providing expanded HD whilst retaining HD simplicity in the removal of large middle molecules (25 kDa to <60 kDa).



BLACK BOX DATA MINING

Black Box Data Mining (BBDM) is a versatile tool for data analysis which allows the generation of various reports from the device to help identify issues and provide a real understanding of what is needed to resolve concerns or optimise therapy and workflow.



DIALYSYNC

The **DialySync** connectivity provides a secure backup of patients' treatment history data. It offers IT versatility as the **DialySync** connectivity can seamlessly integrate with most EMR systems, alleviating the IT burden on clinics. If a clinic's EMR system goes down, treatment data will still buffer in the **DialySync** Cloud. This allows clinics to continue to run uninterrupted as IT issues are being resolved.

* Dependant on voltage

1. AK 98 Machine Operators Manual HC12975001.
2. Held PJ, et al. *The dose of hemodialysis and patient mortality.* Kidney Int 1996; 50:550-556.
3. McIntyre CW, et al. *Assessment of haemodialysis adequacy by ionic dialysance: intra-patient variability of delivered treatment.* Nephrol Dial Transplant. 2003;18:559-562.
4. Mercadal L, et al. *Ionic dialysance: Principle and review of its clinical relevance for quantification of hemodialysis efficiency.* Hemodial Int. 2005;9:111-119.
5. Nystrand R. *Long Time follow up of microbial quality in a Gambro CWP WRO H system 1[5] BT 130501 S.* Bio-teq Nystrand Consulting.
6. Nystrand R. *Long time follow-up of microbiological quality in a Gambro CWP WRO 100 ROHH system 130502 S.* Bio-teq Nystrand Consulting.

* Do not use Theranova dialyzers for HDF or HF

7. European Renal Association, A. Ragon et al. *Microbiological evaluation of the efficiency of hot RO water only used to disinfect hemodialysis water distribution loop in operation for 5 years.* EDTA[1].pdf. Clin Kidney J 2011, 4, Suppl 2 Abstracts of the ERA-EDTA Prague.
8. Susantitaphong P, et al. *Effect of ultrapure dialysate on markers of inflammation, oxidative stress, nutrition and anemia parameters: a meta-analysis.* Nephrol Dial Transplant. 2013; 28:438-446.
9. Glorieux G, et al. *Dialysis water and fluid purity: more than endotoxin.* Nephrol Dial Transplant 2012;27:4010-4021.
10. Lederer S. R, et al. *Ultrapure Dialysis fluid lowers the cardiovascular morbidity in patients on maintenance Hemodialysis by reducing continuous microinflammation.* Nephron 2002 Jul;91(3):452-455.
11. Schiffl H, et al. *Effects of ultrapure dialysis fluid on nutritional status and inflammatory parameters.* Nephrol Dial Transplant 2001; 16:1863-1869.
12. Oka Y, et al. *Lowering of oxidative stress in hemodialysis patients by dialysate cleaning: in relation to arteriosclerosis.* Ther Apher Dial. 2004; 8:313-319.
13. Bolasco P, et al. *The evolution of technological strategies in the prevention of dialysis water pollution: Blood Purif.* 2012;34:238-245.