

**Baxter**

AK 98  
DIALYSIS MACHINE

**BAXTER KIDNEY CARE**  
PD | HD | HDx | EDUCATION | SUPPORT

**RELENTLESS INNOVATION BRINGS  
SIMPLICITY AND RELIABILITY  
TO HEMODIALYSIS**



The **AK 98** dialysis machine is an important piece of the total support that Baxter, as a partner, brings to advance kidney care. Because you deserve **NOTHING LESS THAN EVERYTHING.**

# LESS RESTRICTIONS

## Flexible treatment options

- Able to provide **all therapy options** – conventional 3x/wk, short daily, or nocturnal.
- Treatments can be done at higher dialysate flow (up to 800 mL/min) than competitive machines\* limited to 300 mL/min.<sup>1-3</sup>  
\* As compared to NxStage System One and Outset Tablo machines.
- Treatments can be done at lower blood flow (down to 20 mL/min) than competitive machines\*\* limited to a minimum of 40-50 mL/min.<sup>1-5</sup>  
\*\*As compared to B. Braun Dialog+, Nikkiso DBB-06, NxStage System One and Outset Tablo machines.

## Flexible concentrate options

The **AK 98** dialysis machine is capable of both sodium and bicarbonate profiling allowing for smooth and constant adjustment.<sup>3</sup>

## Flexible disinfection options

Disinfection routines shut off automatically and do not require user attention or handling of chemicals.

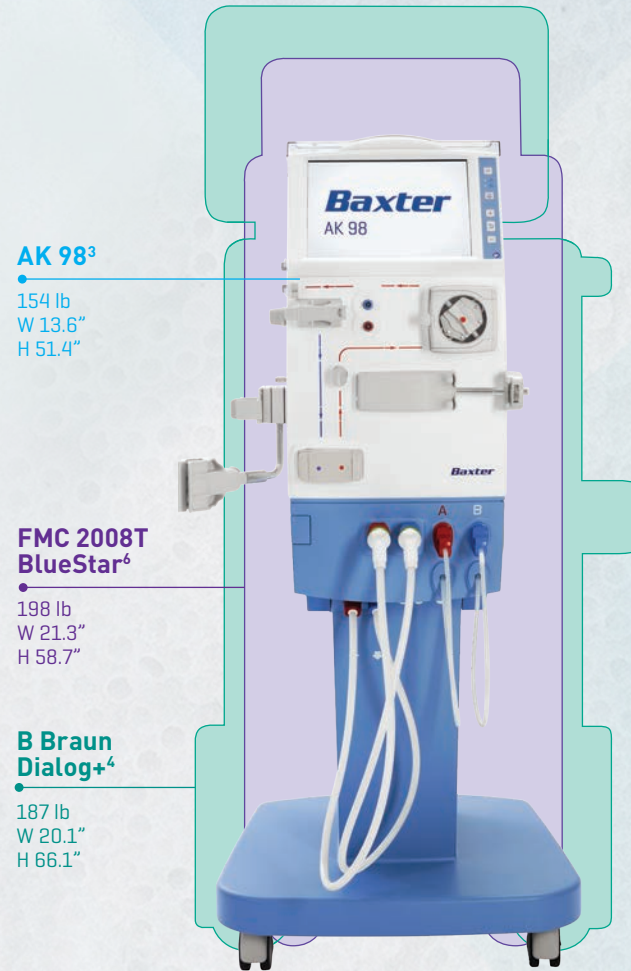
Four disinfection programs can be performed on the **AK 98** dialysis machine:

Disinfection Program	Duration	Drain Phase Included?
Heat Citric	~54 minutes	Yes
Short Heat Citric	~27 minutes	No
Bleach***	~50 minutes	Yes
Heat	~40 minutes	Yes

\*\*\*Percentage of hypochlorite is up to 10% settable in Presets.

## Smallest, lightest hemodialysis machine\*\*\*\*

The compact size and reduced weight saves space and makes it easy to move around.



**AK 98<sup>3</sup>**  
 154 lb  
 W 13.6"  
 H 51.4"

**FMC 2008T BlueStar<sup>6</sup>**  
 198 lb  
 W 21.3"  
 H 58.7"

**B Braun Dialog+<sup>4</sup>**  
 187 lb  
 W 20.1"  
 H 66.1"

The **AK 98** dialysis machine with Shelf Extension Kit and Portable Water Purification System<sup>7</sup>



320 lb  
 W 26.4"  
 D 35.8"

Approximate dimensions and weight

**NOTE:** The Shelf Extension Kit may be mounted on either side of the machine. The **AK 98** dialysis machine and Shelf Extension Kit are sold separately. The Portable Water Purification System is sold separately by Mar Cor (Evoqua Water Technologies, LLC).

**45-49% LESS SPACE<sup>7</sup>**  
**18-22% LESS WEIGHT<sup>7</sup>**

\*\*\*\*As compared to FMC 2008T BlueStar and B Braun Dialog+ machines.

# LESS COST AND DOWNTIME

## Reduced resource usage

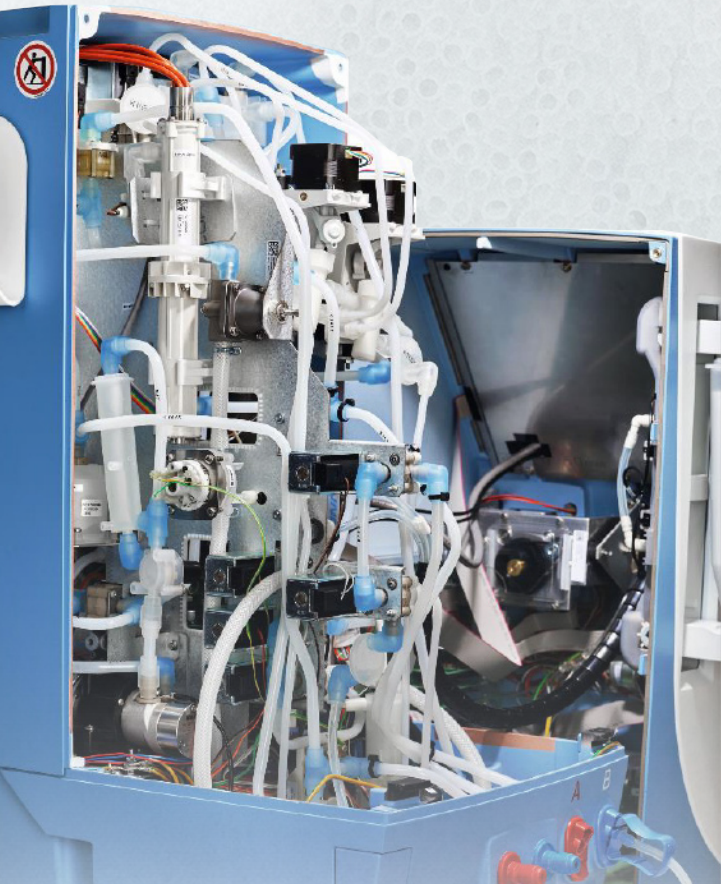
Concentrate standby mode **uses zero concentrate**, which could mean annual savings up to \$139/machine (500 mL/min start flow).<sup>7</sup>

## Innovative design

High-precision ceramic concentrate pumps and electromagnetic flow meters means **no pH probe needed** and **no moving parts** to calculate flow rate.

## Two years between maintenance

Service for the **AK 98** dialysis machine is provided locally either by Baxter, under service contract, or your own trained technicians. Preventative maintenance is only required every other year.



# LESS PATIENT SAFETY RISK

## Battery back-up

Provides up to **30 minutes to move the machine** around after setup. During this time, **the blood pump continues running\*** and treatment info is retained.<sup>3</sup>

\*The dialysate pump goes into stand-by mode.

## SmartSense alerts

Enables the machine to self-clear nuisance pressure alarms and **avoid unnecessary stoppage of treatment** due to brief pressure fluctuations often related to patient movement.

## Bidirectional connectivity

HL7-based connection allows direct push-pull capability between the **AK 98** dialysis machine and your EMR.

- Receive up to 50 treatment parameters.
- Capture data every 60 seconds.
- Potentially **reduce errors and save time** from manual entry.



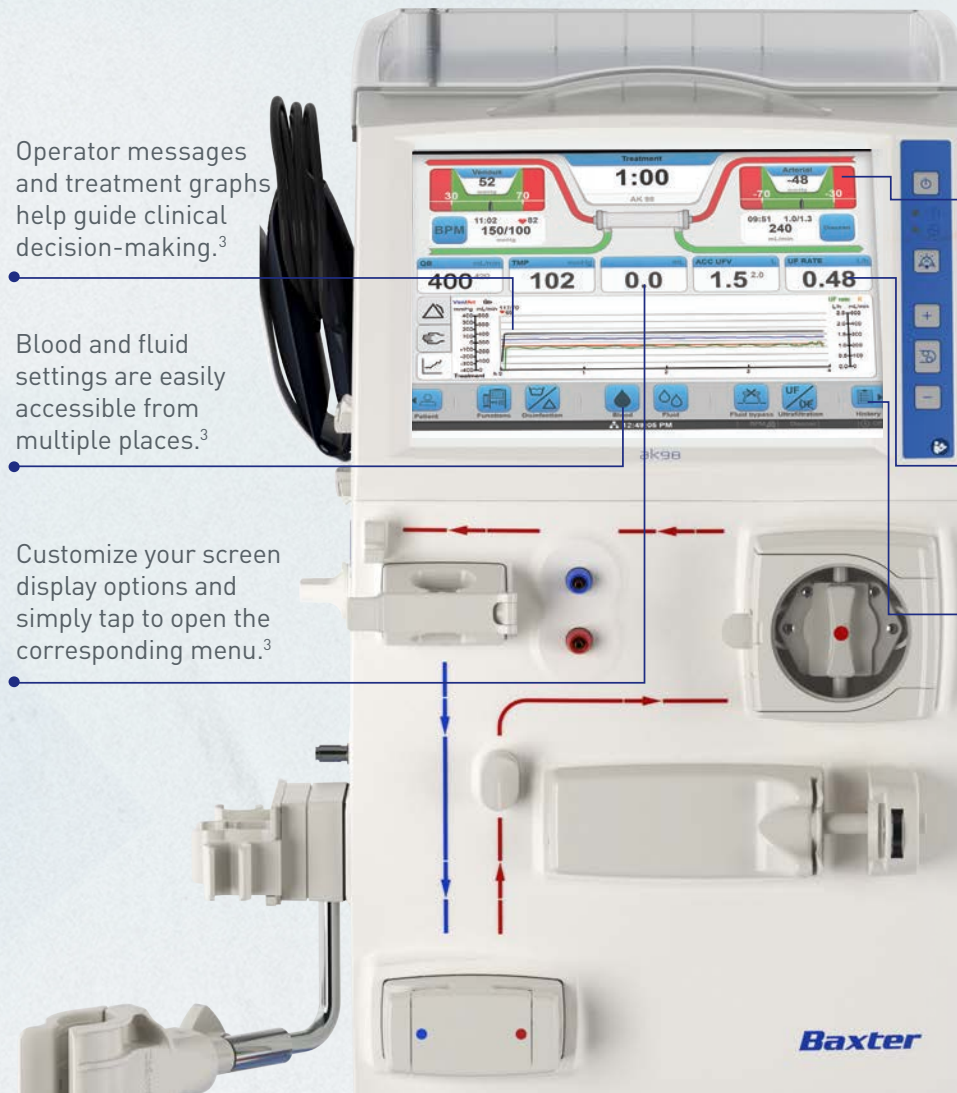
# LESS COMPLEXITY AND INEFFICIENCY

## Intuitive, app-like interface

Designed to simplify treatment with fewer steps and guide you every step of the way.

**“THE MACHINE IS VERY CONVENIENT AND THE INSTRUCTIONS ON THE SCREEN MAKE IT VERY EASY TO USE.”**

Demi Miller, Certified Hemodialysis Technician (CHT)



Operator messages and treatment graphs help guide clinical decision-making.<sup>3</sup>

Blood and fluid settings are easily accessible from multiple places.<sup>3</sup>

Customize your screen display options and simply tap to open the corresponding menu.<sup>3</sup>

Arterial and venous pressures are always visible and easily adjusted by tapping on either window.<sup>3</sup>

Visual circuit indicates status and mode of treatment at all times.<sup>3</sup>

Quickly look up treatment history at any time.<sup>3</sup>

## DIASCAN monitoring system

- The Diascan monitoring function calculates if the desired and minimum values for Kt/V, set by the operator, can be reached by treatment end.<sup>3</sup> Studies have shown that consistently reaching the adequacy target may **reduce the risk of all cause mortality**.<sup>8-10</sup>
- Integrated WATSON formula automatically determines volume distribution, so there's **no need for manual calculations**.<sup>3</sup>

**DIASCAN**  
Kt/V

**“I LOVE THE DIASCAN FEATURE ON AK 98. I’M ABLE TO BE MUCH MORE PROACTIVE ABOUT PATIENT CARE WITH THIS.”**

Michelle Crawford, RN, Director of Nursing

# THE PARTNERSHIP OF A TRUSTED LEADER

## HERE FOR TOTAL SUPPORT

Your Baxter team is dedicated to providing comprehensive on-site clinical training, tailored to meet your needs, and 24/7 technical support. Plus, our online tools simplify staff training and provide a seamless transition to the new platform.

### AUGMENTED REALITY APP

Your virtual companion that guides you through the **AK 98** dialysis machine operation.



### TRAINING VIDEOS

Short, animated videos for on-demand learning that complements your in-field training.



### QUICK REFERENCE GUIDE

Condensed instructions in an easy-to-digest format on how to use the **AK 98** dialysis machine.



Scan or [click here](#) for more information.



Scan or [click here](#) to watch videos.

**Schedule a demo today.** Contact your local Baxter sales representative at **1-888-736-2543** and visit [renalcareus.baxter.com/ak98](https://renalcareus.baxter.com/ak98) for more information.

**Indications:** The **AK 98** dialysis machine is intended to be used for intermittent hemodialysis and/or isolated ultrafiltration treatments of patients with chronic or acute renal failure or fluid overload upon prescription by a physician. The **AK 98** dialysis machine is indicated to be used on patients with a body weight of 25 kg or more. The **AK 98** dialysis machine is intended to be used by trained operators when prescribed by a physician, in a chronic care dialysis, or hospital care environment. The **AK 98** dialysis machine is not intended for Selfcare or Home use.

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

1. Tablo Hemodialysis System User Manual. 2. NxStage System One User's Guide. 3. AK 98 Operator's Manual. 4. B. Braun Dialog+ Instructions for Use. 5. Nikkiso DBB-06 Spec Sheet. 6. FMC 2008T Operator's Manual. 7. Data on File. Baxter Healthcare Corporation. 8. Held PJ, et al. *Kidney Int*, 1996; 50:550-556. 9. KDOQI Clinical Practice Guideline for Hemodialysis Adequacy: 2015 Update. *Am J Kidney Dis*. 2015; 66(5):884-930. 10. Tattersall J, et al. *Nephrol Dial Transplant*, 2007; 22(Suppl. 2):ii5-ii21.

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