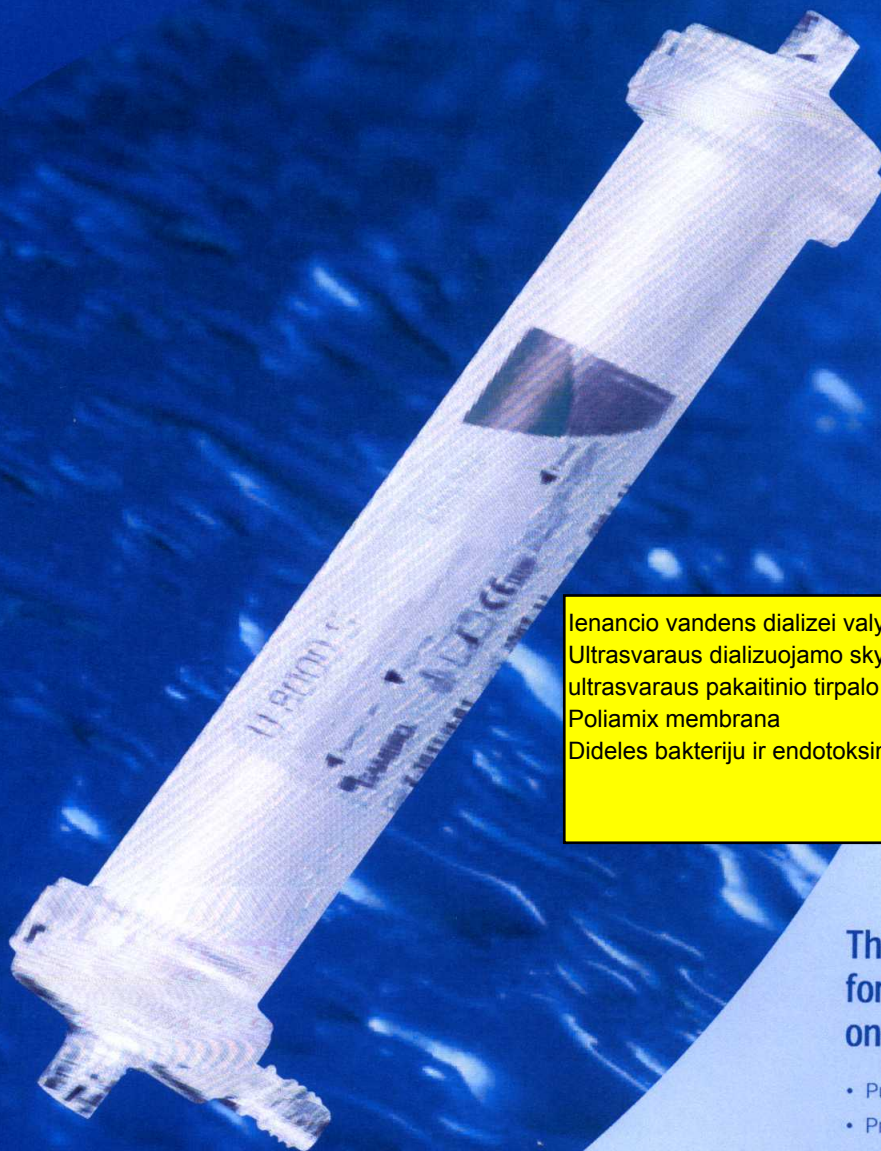


U 8000 S Ultrafilter

For preparation of clean fluids
for dialysis

U8000 S Ultrafiltras

Skirtas svaraŭ vandens paruosiui dializei



Ienancio vandens dializei valymui

Ultrasvaraus dializuojamo skyscio paruosiui

ultrasvaraus pakaitinio tirpalo paruosiui.

Poliamix membrana

Dideles bakteriju ir endotoksinu salinimo galimybes gydimo ir kitu metu

The U 8000 S Ultrafilter, for Ultrapure dialysis and on-line HDF/HF

- Purification of incoming water for dialysis.
- Production of Ultrapure dialysis fluid
- On-line preparation of sterile substitution fluid*
- Equipped with the Polyamix™ membrane
- High bacterial and endotoxins retention capabilities, both throughout the treatment and during subsequent sessions.
- Easy to disinfect and rinse**.

Su papildomu vienkartinu ultrafiltru ir
Gambro AK 100 ULTRA ir AK200 ULTRA aparatais

In combination with an additional single use ultrafilter and with the Gambro AK 100 ULTRA™/AK 200 ULTRA™ machine.

 **GAMBRO.**

** If the U 8000 S is used in combination with Gambro AK 100 ULTRA™/AK 200 ULTRA™ machine only disinfectants which are recommended in the operator's manual of the AK 100 ULTRA™/AK 200 ULTRA™ should be used. Furthermore the disinfection should follow the procedure described in the operator's manual of the AK 100 ULTRA™/AK 200 ULTRA™.

U 8000 S Ultrafilter

Specifications

Components	Material
Membrane	Polyamix™ membrane*
Potting material	Polyurethane (PUR)
Housing and caps	Polycarbonate (PC)
Sterile plugs	Polypropylene (PP)

* A blend of Polyarylethersulfone, Polyvinylpyrrolidone and Polyamide

Effective membrane area (m²)	2.1
Inner diameter (µm)	215
Wall thickness (µm)	50
Sterilization agent	Steam
Product code	N 50 030

Performance

Filtration flow

	at pressure drop Δp (mm/Hg)	
Q_f (ml/min)	21°C	37°C
300	43–64	29–43
500	71–107	48–71
700	100–150	67–100

Determined with 0,9% sodium chloride solution.
Pressure drop Δp is measured between fluid inlet and filtrate outlet.

Field of application

Bacteria, pyrogen and particle filter for water and dialysis fluid

Priming volume (ml)

Lumen	152
Filtrate side	306

Typical retention values for bacteria and endotoxins

	LRV*
Bacterial challenge: Pseudomonas diminuta ATCC 19146 in saline lactose broth. Cell diameter approx. 0.3 µm	>7
Endotoxin challenge: E. coli O55:B5 endotoxin (Whitaker USA)	> 3.5
Natural endotoxin challenge: Endotoxin in water from various places	>3

*LRV=Logarithmic reduction value $LRV = \log_{10} \frac{\text{number of organisms in challenge suspension}}{\text{number of organisms in filtrate}}$

Disinfection*

Chemical disinfection agent, recommended for the U 8000 S
Peracetic acid (≤0,1%)
Sodium carbonate (≤2%)
Sodium hypochlorite (0,5%)
Citric acid (≤2%)

*When used with AK 100/200, 200 S and AK 200 ULTRA S, the disinfection routine recommended in Operator's manual of these machines should be followed.

Maximum TMP (mm/Hg)

600

Sterilization agent

Steam



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