



Nephros Inline Filters for Dialysis Water and Bicarbonate
US FDA 510k Cleared

DSU-D

- Dual stage filtration design



SSU-D

- Single stage filtration design



SSUmini

- Compact design for portable ROs
- Economical design for low flow situations



Product Summary

- Assists in preparing water or bicarbonate concentrate to meet the requirements for the production of ultrapure dialysate according to the ANSI/AAMI/ISO 11663:2009 standard
- Removes bacteria, viruses, endotoxins and other contaminants greater than 5nm
- Unique, proprietary design available in three sizes
- Expected life of one year results in lower filter maintenance costs
- Used as final filter to prepare centralized water and bicarbonate for HD machines
- Used as a polishing filter for portable RO's

www.nephros.com

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Specifications	DSU-D	SSU-D	SSUmini
Compatible Disinfection	Chemical, Heat	Chemical, Heat	Chemical, Heat
Max Inlet Pressure	75 psi (5 bar)	75 psi (5 bar)	75 psi (5 bar)
Filter Membrane	Medisulfone®	Medisulfone®	Medisulfone®
Material	Polysulfone	Polysulfone	Polysulfone
Pore Size	5 nm	5 nm	5 nm
Bacteria Retention	>10 ¹¹ (B. diminuta)	>10 ¹¹ (B. diminuta)	>10 ¹¹ (B. diminuta)
Virus Retention	>10 ⁸ (PhiX-174)	>10 ⁸ (PhiX-174)	>10 ⁸ (PhiX-174)
Endotoxin Retention	>10 ⁵ EU/ml	>10 ⁵ EU/ml	>10 ⁵ EU/ml
Dimensions	13" L x 2.5" D	7" L x 2.5" D	6" L x 2" D
Connections Recommended	CPC (APC)	CPC (APC)	3/8" BSPP or 1/4" John Guest
Replacement	1 year	1 year	1 year
Safety	Dual-Stage Filtration	Single-Stage Filtration	Single-Stage Filtration
~60kDa Particle Retention	>10 ⁴ (Hgb)	>10 ² (Hgb)	>10 ² (Hgb)

* Heat Disinfection: Weekly 30-minute cycles @ 85 C (See individual product Instruction for Use for disinfection requirements)

** Medisulfone® is a registered trademark of Medica S.p.A.

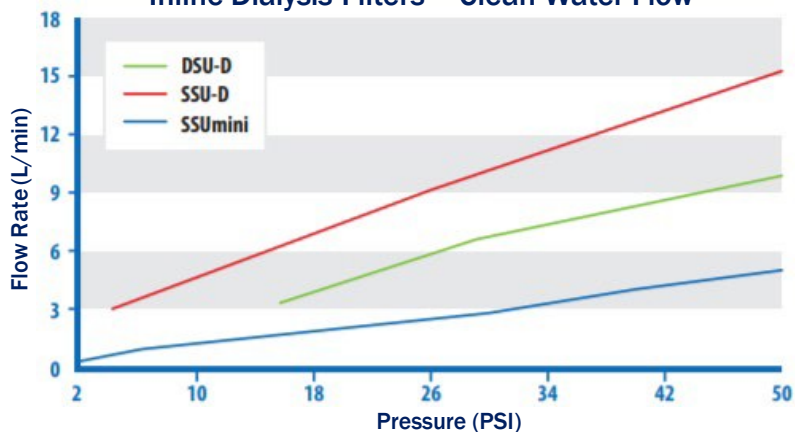


SSUmini Adapters



SSU-D and DSU-D Adapters

Inline Dialysis Filters – Clean Water Flow



The use of ultrapure dialysate in hemodialysis may result in a decrease in markers of inflammation and oxidative stress, and a decrease in erythropoietin resistance.^{1,2}

The DSU-D, SSU-D and SSUmini can be used as the last component in the water or bicarbonate purification process to assist with the delivery of water or bicarbonate concentrate for the production of ultrapure dialysate.

Product Code

70-0235D	DSU-D Filter
70-0243D	SSU-D Filter
70-0242	SSUmini Filter (3/8" BSPP)
70-0251	SSUmini Filter (1/4" John Guest)

Install Kit

70-0294	Dialysis Install Kit
70-0266	SSUmini Adapter Kit (3/8" BSPP – 1/4" Barb)

¹ Sitter T, Bergner A, Schiff H, Dialysate related cytokine induction and response to recombinant human erythropoietin in hemodialysis patients, Neph Dial Trans 2000; 15:1207-1211

² Susantitaphong P, Riella C, Jaber BL, Effect of ultrapure dialysate on markers of inflammation, oxidative stress, nutrition and anemia parameters: a meta-analysis, Neph Dial Trans 2013; 28:438-446