

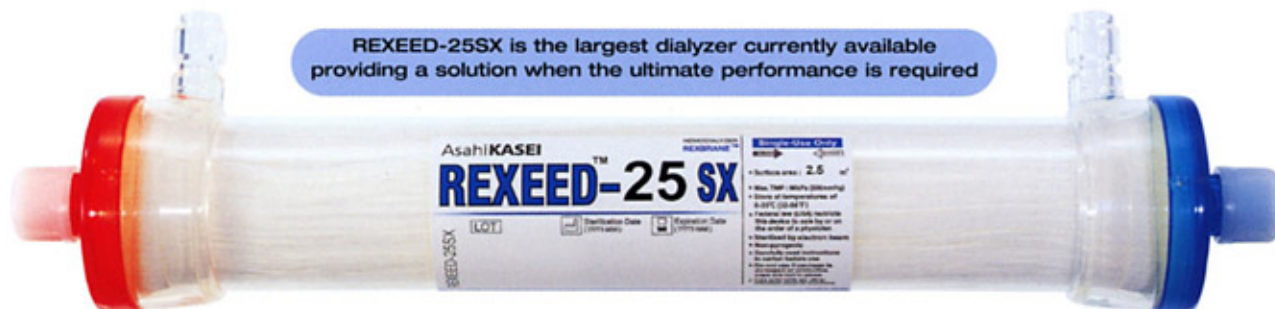
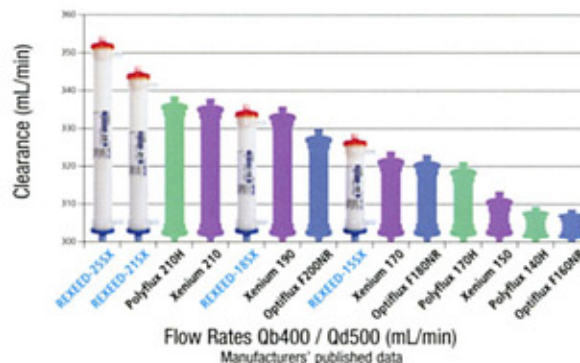
# Asahi's unique membrane technology results in less stimulation to blood components

Asahi has achieved a new level of overall performance in dialyzer design by combining the new polysulfone membrane REXBRANE™ with a new jacket design allowing for optimum flow dynamics. Incorporated on the inner surface is Asahi's unique hydrophilic gel layer technology. This minimizes blood membrane interaction and plays a crucial role in anti-coagulation requirements.

## REXEED-SX High Flux Dialyzer Series

- Surface areas from 1.5m<sup>2</sup> to 2.5m<sup>2</sup> - *largest surface area available*
- REXBRANE™ membrane
- New X-jacket design for improved flow dynamics
- Exceptional toxin removal
- Efficient heparin utilization
- Required fluid volume for priming is reduced to 500 mL
- Proprietary fiber inner gel layer minimizes platelet activation
- ETO free and electron beam sterilized
- Color coded headers

Urea Clearance Comparison



### Performance (in vitro)

### REXEED-SX Series

	REXEED-15SX				REXEED-18SX				REXEED-21SX				REXEED-25SX			
	Qd=500 mL/min		Qd=800 mL/min		Qd=500 mL/min		Qd=800 mL/min		Qd=500 mL/min		Qd=800 mL/min		Qd=500 mL/min		Qd=800 mL/min	
	Qb=200 mL/min	Qb=300 mL/min	Qb=400 mL/min	Qb=400 mL/min	Qb=200 mL/min	Qb=300 mL/min	Qb=400 mL/min	Qb=400 mL/min	Qb=200 mL/min	Qb=300 mL/min	Qb=400 mL/min	Qb=400 mL/min	Qb=200 mL/min	Qb=300 mL/min	Qb=400 mL/min	Qb=400 mL/min
Clearance (mL/min)	197	275	329	363	198	280	337	370	199	284	347	378	199	287	355	384
Urea	197	275	329	363	198	280	337	370	199	284	347	378	199	287	355	384
Creatinine	193	261	303	339	195	268	313	349	197	275	326	361	198	281	335	369
Phosphate	188	247	281	314	192	256	293	326	195	266	307	341	197	273	317	352
Vitamin B <sub>12</sub>	152	181	198	219	160	192	211	233	168	206	227	251	174	218	240	266
KoA (Urea) (mL/min)	1421				1576				1809				2052			
KUF (mL/hr/mmHg)	75				82				93				104			

• KUF: with bovine blood, TP = 60±5 g/L, Hct. = 32±2%, Qb = 300 mL/min • Clearance: Qf = 0 mL/min • KoA: Qb = 400 mL/min, Qd = 800 mL/min, Qf = 0 mL/min

### Specifications

	REXEED-15SX	REXEED-18SX	REXEED-21SX	REXEED-25SX
Inside Diameter of Hollow Fiber (µm)	185			
Wall Thickness of Hollow Fiber (µm)	35			
Effective Surface Area (m <sup>2</sup> )	1.5	1.8	2.1	2.5
Priming Volume (mL)	88	100	119	137
Max. TMP	66 kPa (500 mmHg)			
Dimensions (mm [L] x mm [D])	334(L) x 38(D)	334(L) x 41(D)	334(L) x 43(D)	334(L) x 47(D)
Sterilization	Electron Beam			

Membrane: **Asahi Polysulfone REXBRANE™** Note: High Permeability Devices. Use only with ultrafiltration controlling equipment. Manufacturer: **Asahi Kasei Kuraray Medical Co., Ltd.**

**AsahiKASEI**  
A Pioneer In Blood Purification

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