FX-class® Dialysers

Cardioprotective Haemodialysis SPOT

SPOT

Cardioprotective Haemodialysis

Services

Over 30 years experience in dialysis at your service.

Products

State-of-the-art technologies enable advanced cardioprotective therapies.

Outcomes

Achieving better outcomes with cardioprotective therapies.

Therapies

Cardioprotective therapies designed by the world market leader in haemodialysis.

FX CorDiax Dialysers and Filters

Helixone®*plus*

- Enhanced removal of middle molecules
- Unique INLINE steam sterilisation
- Excellent endotoxin retention

Products	Clearance (Q_B = 300 mL/min)						Clearance (Q_B = 400 mL/min)						Sieving coefficient		UF-coeff. (mL/h x mmHg)	Surface (m^2)	Art.-No.
	Cyt c 12,230 Da	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Cyt c 12,230 Da	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Myo. 17,053 Da	β_2-m 11,731 Da			
FX CorDiax High-Flux Dialysers – INLINE steam sterilised																	
FX CorDiax 40	48*	56*	96*	142*	155*	175*	–	–	–	–	–	–	0.5	0.9	21	0.6	F00001588
FX CorDiax 50	76	88	144	215	229	255	–	–	–	–	–	–	0.5	0.9	33	1.0	F00001589
FX CorDiax 60	96	116	175	237	252	271	100	122	191	270	290	319	0.5	0.9	47	1.4	F00001590
FX CorDiax 80	111	127	190	248	261	280	117	135	209	285	303	336	0.5	0.9	64	1.8	F00001591
FX CorDiax 100	125	144	207	258	272	283	133	154	229	299	321	341	0.5	0.9	74	2.2	F00001592
FX CorDiax 120	136	149	213	262	274	284	145	160	237	305	325	343	0.5	0.9	87	2.5	F00002384

2, 3, 4 pirkimo dalys

** Clearance (Q_B = 200 mL/min)*

In vitro performance: Q_D = 500 mL/min, Q_F = 0 mL/min, T = 37 °C (EN 1283, ISO 8637). Ultrafiltration coefficients: human blood, Hct 32 %, protein content 6 %.

Products	Clearance (Q_B = 300 mL/min, Q_F = 75 mL/min)						Clearance (Q_B = 400 mL/min, Q_F = 100 mL/min)						Sieving coefficient		UF-coeff. (mL/h x mmHg)	Surface (m^2)	Art.-No.
	Cyt c 12,230 Da	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Cyt c 12,230 Da	Inulin 5,200 Da	Vit. B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Myo. 17,053 Da	β_2-m 11,731 Da			
FX CorDiax Haemo*dia*filters – INLINE steam sterilised																	
FX CorDiax 600	131	144	204	257	271	285	149	166	235	307	327	354	0.5	0.9	46	1.6	F00001593
FX CorDiax 800	141	156	217	267	277	291	160	178	251	321	339	365	0.5	0.9	62	2.0	F00001594
FX CorDiax 1000	151	166	225	271	280	292	172	190	262	328	343	367	0.5	0.9	76	2.3	F00001595

In vitro performance: Q_D = 500 mL/min, T = 37 °C (EN 1283, ISO 8637). Ultrafiltration coefficients: human blood, Hct 32 %, protein content 6 %.

FX classix and FX Dialysers

Helixone®

- Unique INLINE steam sterilisation
- Excellent endotoxin retention

Products	Clearance (Q_B = 300 mL/min)					Clearance (Q_B = 400 mL/min)					Sieving coefficient		UF-coeff. (mL/h x mmHg)	Surface (m^2)	Art.-No.
	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da	Myo. 17,053 Da	β_2-m 11,731 Da			
FX classix High-Flux Dialysers – INLINE steam sterilised															
FX 50 classix	72	137	204	224	253	–	–	–	–	–	0.1	0.7	27	1.0	F00002385
FX 60 classix	95	162	225	243	266	99	175	252	277	312	0.1	0.7	38	1.4	F00002386
FX 80 classix	113	185	244	259	279	119	202	279	300	334	0.1	0.7	53	1.8	F00002387
FX 100 classix	122	201	253	264	280	129	222	291	309	336	0.1	0.7	68	2.2	F00002388

Products	Clearance (Q_B = 200 mL/min)				Clearance (Q_B = 300 mL/min)					Recomm blood flow range (mL/min)	UF-coeff. (mL/h x mmHg)	Surface (m^2)	Art.-No.
	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Inulin 5,200 Da	Vit B_{12} 1,355 Da	Phosp. 132 Da	Crea. 113 Da	Urea 60 Da				
FX Low-Flux Dialysers – INLINE steam sterilised													
FX 5	–	88	141	165	180	–	94	164	200	228	100–300	8	1.0	5004831
FX 8	–	107	160	178	191	–	120	194	225	254	150–400	12	1.4	5004731
FX 10	–	121	170	181	193	–	138	210	231	261	200–500	14	1.8	5004741
FX Paediatric High-Flux Dialysers – INLINE steam sterilised													
FX paed	20 *	34 *	57 *	64 *	76 *	–	–	–	–	–	30–100	7	0.2	5008221

1 pirkimo dalis

** Clearance (Q_B = 100 mL/min, Q_D = 300 mL/min, Q_F = 0 mL/min)*

In vitro performance: Q_D = 500 mL/min, Q_F = 0 mL/min, T = 37 °C (EN 1283, ISO 8637). Ultrafiltration coefficients: human blood, Hct 32 %, protein content 6 %.

Fresenius Medical Care

Head office: Fresenius Medical Care Deutschland GmbH · 61346 Bad Homburg v. d. H. · Germany · Phone: +49 (0) 6172-609-0 · Fax: +49 (0) 6172-609-2191 · www.fmc-ag.com

F00000000 GB (X.X BG 03.12) © Copyright 2012 Fresenius Medical Care Deutschland GmbH

Mažo pralaidumo dializatoriai, FX-grupė

Dializatorių parametrai In-vitro

		FX 5	FX 8	FX 10
Ultrafiltracijos koeficientas (ml/h·mmHg)		**8**	**12**	**14**
Klirensas :	Q_B 300 (ml/min)			
	Šlapalas	**228**	**254**	**261**
	Kreatininas	**200**	**225**	**231**
	Fosfatai	**164**	**194**	**210**
	Vitaminas B12	**94**	**120**	**138**

In vitro parametrai skaičiuoti, esant Q_D = 500 ml/min;
Q_F = 0 ml/min; T = 37° C (EN 1283).
Ultrafiltracijos koeficientai matuoti, naudojant žmogaus kraują,
Ht = 32 %, proteino kiekis 6 %.

Techniniai parametrai:

Plotas (m^2)		**1,0**	**1,4**	**1,8**
Sienelės storis / vidinis diametras (µm)	35/185			
Kraujo užpildymo tūris (ml)		**54**	**74**	**95**
Membrana	Heliksonas			
Dėklo medžiaga	Polipropilenas			
Klijavimo medžiaga	Poliuretanas			
Sterilizacija	garais (vidinė)			
Gydymo paskirtis	HD			
Katalogo Nr.		**5004831**	**5004731**	**5004741**

Didelio pralaidumo dializatoriai, FX Cordiax grupė

Dializatorių parametrai In-vitro

	FX CorDiax 40	FX CorDiax 50	FX CorDiax 60	FX CorDiax 80	FX CorDiax 100	FX CorDiax 120
Ultrafiltracijos koeficientas (ml/h·mmHg)	**21**	**33**	**47**	**64**	**74**	**87**
Klirensas : Q_B 300 (ml/min)	**175**	**255**	**271**	**280**	**283**	**284**
Šlapalas	**155**	**229**	**252**	**261**	**272**	**274**
Kreatininas	**142**	**215**	**237**	**248**	**258**	**262**
Fosfatai	**96**	**144**	**175**	**190**	**207**	**213**
Vitaminas B12	**56**	**88**	**116**	**127**	**144**	**149**
Inulinas						

In vitro parametrai skaičiuoti, esant Q_D = 500 ml/min;
Q_F = 0 ml/min; T = 37° C (EN 1283).
Ultrafiltracijos koeficientai matuoti, naudojant žmogaus kraują,
Ht = 32 %, proteino kiekis 6 %.

Techniniai parametrai:

Plotas (m^2)	**0,6**	**1,0**	**1,4**	**1,8**	**2,2**	**2,5**
Kraujo užpildymo tūris (ml)	**32**	**53**	**74**	**95**	**116**	**132**
Membrana	Heliksonas					
Dėklo medžiaga Polipropilenas	Polipropilenas					
Klijavimo medžiaga	Poliuretanas					
Sterilizacija	Garais (vidinė)					
Gydymo paskirtis	HD					
Katalogo Nr.	**F00001588**	**F00001589**	**F00001590**	**F00001591**	**F00001592**	**F00002384**

Dialysis Fluid Filter DIASAFE®*plus*

The dialysis fluid filter DIASAFE®*plus* is a further development of the successful DIASAFE® filter by Fresenius Medical Care.

- Preparation of ultra pure dialysis fluid (endotoxins < 0.03 IU/mL, microbial contaminations < 0.1 CFU/mL)
- ONLINE preparation of substitution fluid for HF and HDF treatments
- Microbiological safety through redundant double filtration of the substitution fluid using two DIASAFE®*plus* filters in series
- Checking of filter function in automatic integrity tests
- High resistance to disinfection agents, such as Puristeril® 340 and Diasteril®, Citrosteril®, Sporotal® 100

Fresenius Polysulfone®

20 pirkimo dalis

Technical data

	DIASAFE®*plus*
Membrane material	Fresenius Polysulfone®
Effective surface (m²)	2.2
Housing material	Polypropylene
Potting compound	Polyurethane
Sealings	Silicone
Filtration rate	5 mL/min mmHg (3.75 L/min bar; max. 2 bar)
Operating time	Standard HD: max. 12 weeks ONLINE HF/HDF, ONLINE priming/rinsing: max. 12 weeks or 100 treatments
Disinfection	Puristeril® 340 (peracetic acid); Diasteril® (hydroxyacetic acid) or Citrosteril® (citric acid); Sporotal® 100 (sodium hypochlorite) max. 11 times
Units per box	12
Art.-No.	**500 820 1**

Accessories	**Safe line™**	**Residual test (Puristeril® 340)**	**pH Indicator test (Diasteril®)**
Units per box	100	100	100
Art.-No.	**504 580 1**	**629 916 1**	**628 816 1**

Dialysis Fluid Filter DIASAFE®*plus*

Diasafeplus dializato filtras yra Fresenius Medical care sėkmingai patobulintas Diasafe filtras

- Ypatingai švaraus dializato paruošimas: endotoksinai < 0,03 IU/ml., mikrobinis užterštumas < 0,1 CFU/ml.
- HF ir HDF procedūroms pakaitinio tirpalo ruošimas ONLINE rėžime
- Mikrobiologinis saugumas užtikrinamas, pakaitinį tirpalą filtruojant per du Diasafeplus filtrus
- Filtro veikimas patikrinamas integruotais testais
- Geras dezinfekcinių medžiagų tokių kaip Pursiteril 340, Diasteril, Citrosteril, Sporotal100 toliaravimas

Fresenius Polysulfone®

Techniniai duomenys

	DIASAFE®*plus*
Membranos medžiaga	Fresenius Polisulfonas
Paviršiaus plotas (kv.m.)	2.2
Korpuso medžiaga	Polipropilenas
Jungimas	Poliuretanas
Sandarinimas	Silikonas
Filtracija	5 mL/min mmHg (3.75 L/min bar; max. 2 bar)
Veikimo laikas	Standartinė HD: maksimum 12 ONLINE HF/HDF, ONLINE priming/rinsing: Maksimum 12 savaičių arba 100 procedūrų
Dezinfekcija	Puristeril (paracetinė rūgštis) Diasteril arba Citrosteril Sporotal maximum 11 kartų
Pakuote	12
Numeris kataloge	**500 820 1**

Accessories	Safe line™	Residual test (Puristeril® 340)	pH Indicator test (Diasteril®)
Units per box	100	100	100
Art.-No.	**504 580 1**	**629 916 1**	**628 816 1**