

Classe FX Low Flux

A new generation of Low Flux dialysers with optimised diffusive clearances.

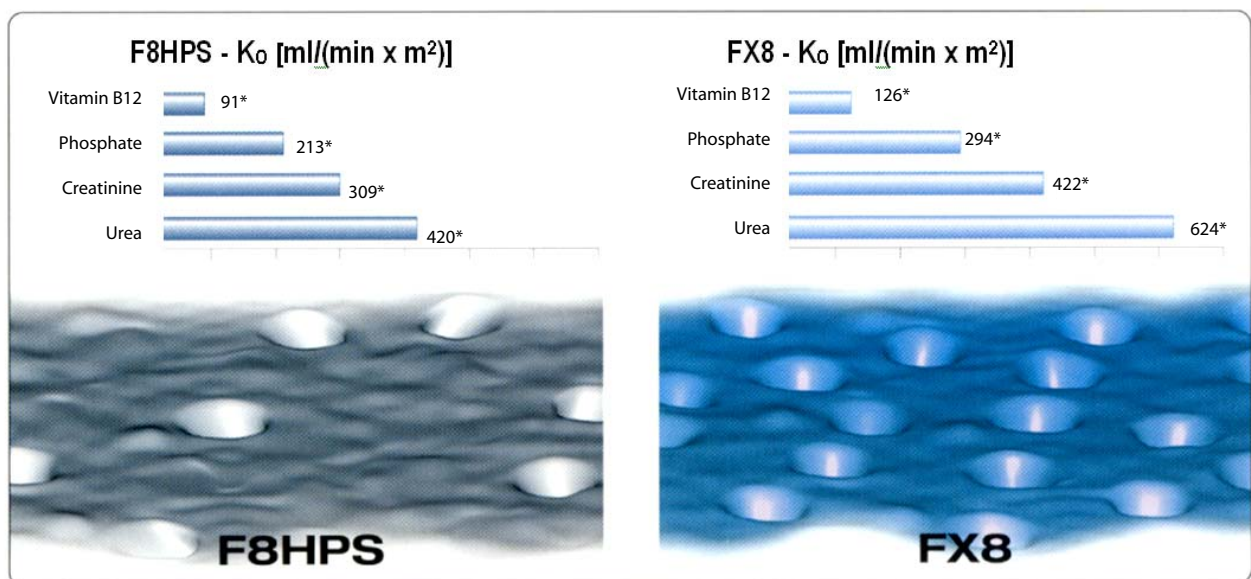
The new Low Flux Class FX has all of the inherent advantages of the renowned Class FX associated with a new membrane, the Low Flux Helixone.

The Helixone membrane is made based on Nanotechnology (Nano Controlled Spinning Technology, NCS), allowing for the structure and distribution of exceptionally defined pores.

Through Nanotechnology it is possible to increase the average diameter and have a more uniform distribution of the pores (in comparison with the HPS series).

The increase in the number of pores by square metre is a result of the reduced thickness of the Helixone membrane. This results in the significant improvement of the depuration of the low molecular weight molecules.

Result: it is possible to improve performances with smaller surface dialysers.



* Performance (°K) per square metre

Technical Characteristics

	FX5	FX8	FX10
Ultra filtration coefficient (ml/h x mmHg)	8	12	14
Clearance: QB 200 ml/min			
Urea	180	191	193
Creatinine	165	178	181
Phosphate	141	160	170
Vitamin B12	88	107	121
Clearance: QB 300 ml/min			
Urea	228	254	261
Creatinine	200	225	231
Phosphate	164	194	210
Vitamin B12	94	120	138
Clearance: QB 400 ml/min			
Urea		293	303
Creatinine		252	260
Phosphate		213	233
Vitamin B12		126	146
K0Aureia	614	874	976

The in vitro performances were obtained with QD = 500 ml/min, QF = 0 ml/min; Temperature = 37°C (EN1283)

The ultra-filtration coefficients were measured with human blood, Hct = 32%, protein content 6%.

USurface (m2)	1.0	1.4	1.08
Wall thickness/internal diameter (µm)	35/185	35/185	35/185
Priming volume (ml)	54	74	95
Membrane material	Helixone		
Involucre material	Polypropylene		
Fixing Substance	Polyurethane		
Sterilisation method	INLINE Vapour		
Application	HD		