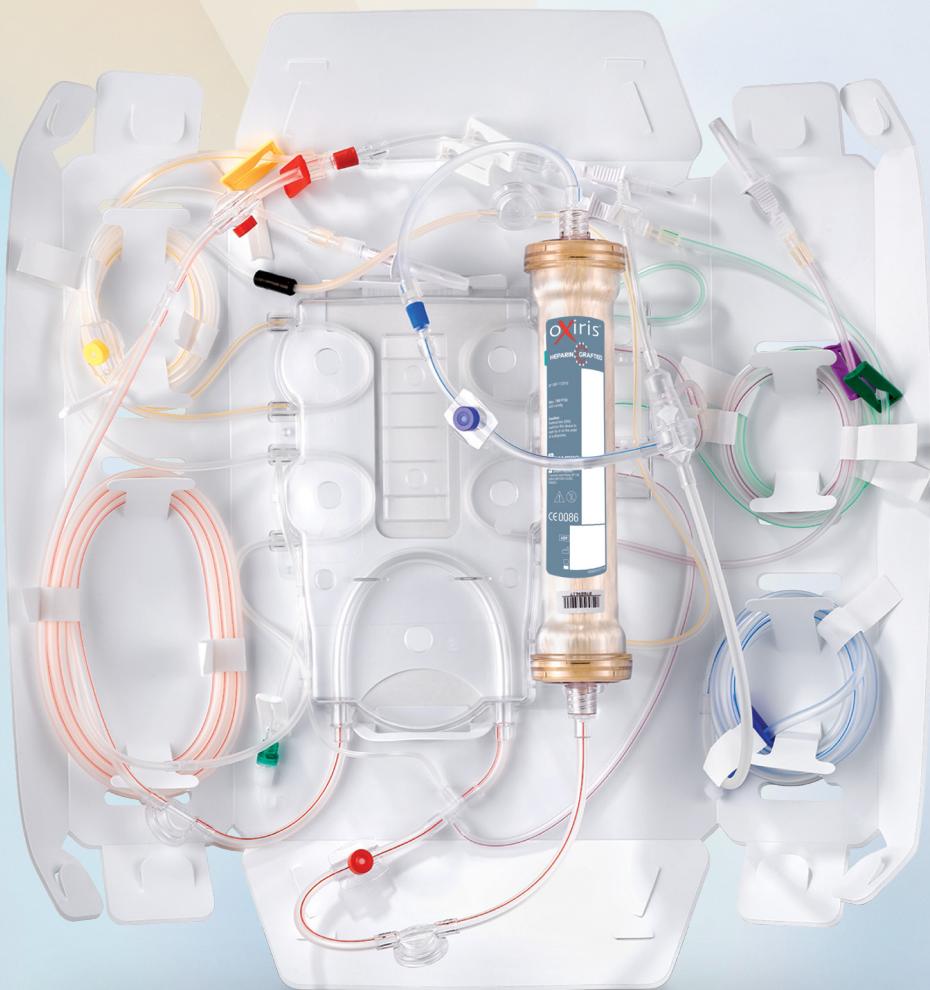


Baxter

oXiris set

oXiris set for use with the **Prismaflex** system



oxiris

POWERED BY **prismaflex**

Making possible personal.

Prismaflex oXiris Set

The **oXiris** set is indicated for use only with the **Prismaflex** control unit (equipped with software version 4.00 or later) in providing continuous fluid management and renal replacement therapies. The system is intended for patients who have acute renal failure, fluid overload, or both.

General Data

	oXiris set
Weight	905 g
Overall Dimensions	27 x 22 x 9 cm
Blood volume in set	189 ml
Minimal patient weight	30 kg
Materials	
oXiris hollow fiber: Acrylonitrile and sodium methallyl sulfonate copolymer + Polyethylenimine (surface treatment agent) + heparin grafted	
Filter housing and headers: Polycarbonate	
Filter potting compound: Polyurethane	
Tubing material: Plasticized polyvinyl chloride (PVC)	
Cartridge: PETG	
Sterilization mode: EtO (ethylene oxide)	
Filter operating specifications	
Maximum TMP* (mmHg/kPa)	450/60
Maximum blood pressure (mmHg/kPa)	500/66.6
Range of blood flow rate	100-450 ml/min
Filter data	
Nominal physical characteristics	
Effective surface area	1.5 m ²
Fiber internal diameter (wet)	240 µm
Fiber wall thickness	50 µm

In Vitro Performances

Blood priming volume in filter: ±10%

105 ml

Blood pressure drop (in post dilution mode)

(Bovine blood, Hematocrit 32%, Cp*** = 60 g/l, T = 37°C)

Q_B** = 100 ml/min - Q_{UF}**** = 1 l/h 20 mmHg

Q_B = 300 ml/min - Q_{UF} = 2 l/h 51 mmHg

Q_B = 400 ml/min - Q_{UF} = 2 l/h 64 mmHg

Sieving coefficient

(Bovine plasma, Cp 60 g/l, T = 37°C)

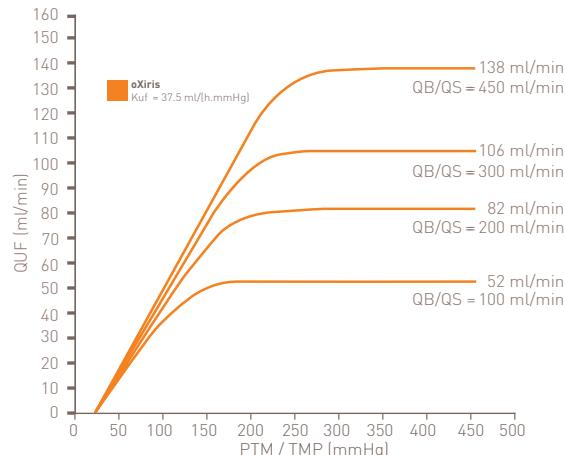
Q_B = 100 ml/min, Q_{UF} = 20 ml/min

Urea = 1, Vitamin B₁₂ = 1, Inulin = 0.96,

Myoglobin = 0.58, Albumin <0.01

CVVH performances

"In vitro" ultrafiltration with blood (values ±15%)
 (Continuous veno-venous hemofiltration)
 (Bovine blood at 37°C, Hematocrit 32%, Cp*** 60 g/l).
 Ultrafiltration is controlled by the **Prismaflex** system and is independent of the ultrafiltration coefficient (KUF)



CVVHD clearances

Clearances versus inlet dialysate flow rate
 (Continuous veno-venous hemodialysis) (Saline, T = 37°C).

	oXiris set			
	Q _B ** = 200 ml/min	Q _{UF} **** = 0 ml/min	Q _B ** = 200 ml/min	Q _{UF} **** = 0 ml/min
QD l/h ml/min	1 17	2.5 42	4 67	8 133
Urea ml/min (±10%)	17	42	66	117
Vitamin B ₁₂ ml/min (±20%)	17	38	51	68
Inulin ml/min (±20%)	16	33	40	49

*Transmembrane pressure.

**Access blood flow rate.

***Protein concentration.

****Ultrafiltration flow rate ⁽¹⁾.

⁽¹⁾The ultrafiltration flow rate is the "patient fluid removal flow rate + replacement flow rate + pre-blood-pump flow rate".

Ordering Information

	Code N°	N° units/box
oXiris set	112016	4

Sweden:

Baxter Medical AB
 Box 63
 164 94 Kista
 T: 08-632 64 00
www.baxter.se

Denmark:

Baxter A/S
 Tobaksvejen 2A
 2860 Søborg
 T: 4816 6400
www.baxter.dk

Finland:

Baxter Oy
 PL 119
 00181 Helsinki
 T: (09) 8621 111
www.baxter.fi

Norway:

Baxter AS
 Gjerdrumsvei 11
 0484 Oslo
 T: 22 58 48 00
www.baxter.no

Baxter