



The MEDICA range of paediatric and neonatal filters has been developed to create the best treatment for low body weight patients.

MEDICA provides a complete choice of filters to cover all your treatment requirements.

MEDICA uses highly innovative membrane technology to ensure the best treatment option giving your staff more time to care for your most precious patients.



UNI EN ISO 9001:2008
UNI EN ISO 13485:2004

Manufactured by:

MEDICA

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Distributed by:



DIALYSIS

Medica's product range for low body weight patients includes a total of four dialyser models, amongst those, two sizes are high flux and two low flux. All have been developed to obtain the lowest priming volume and provide the best patient care.

LOW FLUX DIALYSER

	SmartFlux LFP-06	SmartFlux L-3
Area m ²	0,60	0,32
Inner diameter μ	200	200
Wall thickness μ	35	35
Priming volume ml	39	22
KUF ml/h/mmHg	2.0±10%	2.0±20%
MAX TMP	600 mmHg	600 mmHg
MAX blood flow rate	300 ml/min	150 ml/min
Hollow Fiber Material	PUREMA® (Polyethersulfone)	Polyethersulfone
Sterilisation method	Irradiation	
Product code	M03689	M03694

	CLEARANCE Qb=200 ml/min; Qd=500 ml/min; Qf=0 ml/min; ±5%	CLEARANCE Qb=100 ml/min; Qd=300 ml/min; Qf=0 ml/min; ±10%
Urea (ml/min)	151	72
Creatinine (ml/min)	122	60
Phosphate (ml/min)	101	52
Vitamine B ₁₂ (ml/min)	70	32

PUREMA® is a registered trademark of Membrana GmbH

HIGH FLUX DIALYSER

	SmartFlux HFP-07	SmartFlux H-3
Area m ²	0,70	0,35
Inner diameter μ	200	200
Wall thickness μ	30	30
Priming volume ml	41	24
KUF ml/h/mmHg	31±10%	14.0±20%
MAX TMP	600 mmHg	600 mmHg
MAX blood flow rate	300 ml/min	150 ml/min
Hollow Fiber Material	PUREMA® (Polyethersulfone)	Polyethersulfone
Sterilisation method	Irradiation	
Product code	M03690	M03695

	CLEARANCE Qb=200 ml/min; Qd=500 ml/min; Qf=0 ml/min; ±5%	CLEARANCE Qb=100 ml/min; Qd=300 ml/min; Qf=0 ml/min; ±10%
Urea (ml/min)	166	80
Creatinine (ml/min)	143	67
Phosphate (ml/min)	134	59
Vitamine B ₁₂ (ml/min)	88	36

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PLASMA EXCHANGE

To complete its current adult product range MEDICA has developed three new small size plasmafilters based on Micropolyethersulfone membrane.

PLASMART 05-10-20

	05	10	20
Area m ²	0,04	0,1	0,2
Inner diameter μ	300	300	300
Wall thickness μ	100	100	100
Priming blood volume ml	4,5	11,5	14
Max TMP (mmHg)	40	40	40
Max blood flow (ml/min)	15	40	60
Plasma flow (ml/min)	10 to 20% of blood flow		
Cartridge blood connectors	Male Luer Lock	Twist lock	
Cartridge filtrate/dialysate connectors	Female luer lock		
Hollow Fiber Material	Micropolyethersulfone		
Sterilisation method	Irradiation		
Product code	M03682	M03404	M03159

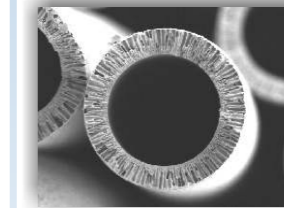
SIEVING COEFFICIENTS

	05	10	20
HDL	1	1	1
Albumin	0,99	0,99	0,99
IgM	0,99	0,99	0,99
Total Coolesterol	0,97	0,97	0,97
IgG	0,97	0,97	0,97
LDL	0,97	0,97	0,97
Triglycerides	0,92	0,92	0,92
Fibrinogen	0,88	0,88	0,88



C.R.R.T. and CARDIOSURGERY

Thanks to its innovative fiber spinning know-how, MEDICA currently offers MediSulfone® HF:



A high flux polysulfone with excellent biocompatibility characteristics, dedicated to blood filtration treatment like hemofiltration and hemoconcentration.

HEMOFILTERS D050-D150

MediSulfone® hemofilters have been developed to ensure the best C.R.R.T. output.

	D050	D150
Area m ²	0,06	0,25
Inner diameter μ	250	250
Wall thickness μ	50	50
Priming volume ml	5	19
Max TMP (mmHg)	500	
Cartridge blood connectors	MLL	Twist lock
Cartridge filtrate and dialysate connectors	Female luer lock	
KUF ml/h/mmHg	1,3	5,5
Hollow Fiber Material	MediSulfone® Polysulfone 50,000 Daltons	
Sterilisation method	ETO	
Product code	M03698	M03069



HEMOCONCENTRATORS D050-D150

The MEDICA "no-rinse" low priming volume hemoconcentrators can be easily inserted in the extracorporeal circuit at any time.

	D050	D150
Area m ²	0,06	0,25
Inner diameter μ	250	250
Wall thickness μ	50	50
Priming volume ml	5	19
Max TMP (mmHg)	500	
Cartridge blood connectors	MLL	Twist lock
Cartridge filtrate and dialysate connectors	Female luer lock	
KUF ml/h/mmHg	1,3	5,5
Hollow Fiber Material	MediSulfone® Polysulfone 50,000 Daltons	
Sterilisation method	Irradiation	
Product code	M03662	M03098

