



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 CEI EN ISO 13485:2012

Manufactured by:

MEDICA

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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 **BPA FREE**

	SmartFlux LFP-O6	SmartFlux LFP-O3
Area m ²	0,60	0,30
Inner diameter μ	200	200
Wall thickness μ	35	35
Priming volume ml	37	20
KUF ml/h/mmHg	7.5±20%	3.8±20%
MAX TMP	600 mmHg	600 mmHg
MAX blood flow rate	300 ml/min	150 ml/min
Hollow Fiber Material	PUREMA[®] LX	PUREMA[®] LX
	(Polyethersulfone)	
Sterilisation method	Irradiation	
Product code	M03689	M03986

	CLEARANCE	CLEARANCE
	Qb=200 ml/min; Qd=500 ml/min; Qf=0 ml/min; ±5%	Qb=100 ml/min; Qd=300 ml/min; Qf=0 ml/min; ±10%
Urea (ml/min)	151	75
Creatinine (ml/min)	122	60
Phosphate (ml/min)	78	42
Vitamine B ₁₂ (ml/min)	30	19

HIGH FLUX DIALYSER **BPA FREE**

	SmartFlux HFP-O6	SmartFlux HFP-O3
Area m ²	0,60	0,30
Inner diameter μ	200	200
Wall thickness μ	30	30
Priming volume ml	39	21
KUF ml/h/mmHg	30±20%	14±20%
MAX TMP	600 mmHg	600 mmHg
MAX blood flow rate	300 ml/min	150 ml/min
Hollow Fiber Material	PUREMA[®] H	PUREMA[®] H
	(Polyethersulfone)	
Sterilisation method	Irradiation	
Product code	M03690	M03987

	CLEARANCE	CLEARANCE
	Qb=200 ml/min; Qd=500 ml/min; Qf=0 ml/min; ±5%	Qb=100 ml/min; Qd=300 ml/min; Qf=0 ml/min; ±10%
Urea (ml/min)	168	84
Creatinine (ml/min)	143	73
Phosphate (ml/min)	134	62
Vitamine B ₁₂ (ml/min)	86	39

PUREMA[®] is a registered trademark of Membrana GmbH

PLASMA EXCHANGE

To complete its current adult product range MEDICA has developed three new small size plasmafilters based on **Versatile[™]-PES** membrane.

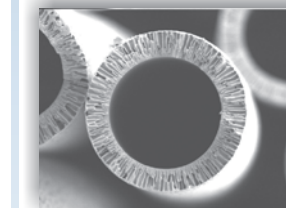
BPA FREE

PLASMART 50-100-200

	50	100	200
Area m ²	0,05	0,1	0,2
Inner diameter μ	300	300	300
Wall thickness μ	85	85	85
Priming blood volume ml	3,9	8,6	13,2
Max TMP (mmHg)	100	100	100
Max blood flow (ml/min)	20	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	Versatile[™]-PES		
Sterilisation method	Irradiation		
Product code (Irradiation)	M03857	M03858	M03859
Sterilisation method	EtO		
Product Code (EtO)	M03863	M03864	M03865

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.

BPA FREE

HEMOFILTERS D050-D100-D150

MediSulfone[®] hemofilters have been developed to ensure the best C.R.R.T. Output.

	D050	D100	D150
Area m ²	0,075	0,15	0,25
Inner diameter μ	250	250	250
Wall thickness μ	50	50	50
Priming volume ml	5	10	19
Max TMP (mmHg)	600		
Cartridge blood connectors	MLL	Tube site	Twist lock
Cartridge filtrate and dialysate connectors	FLL	Tube site	FLL
KUF ml/h/mmHg	1,3	3,0	5,5
Hollow Fiber Material	MediSulfone[®]		
	Polysulfone 50,000 Daltons		
Product code (Irradiation)	M03798	M03984	M03137
Product code (EtO)	M03698	M03739	M03069

BPA FREE

HEMOCONCENTRATORS D025 -D050-D100-D150

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

	D025	D050	D100	D150
Area m ²	0,023	0,075	0,15	0,25
Inner diameter μ	250			
Wall thickness μ	50			
Priming volume ml	2,5	5	10	19
Max TMP (mmHg)	600			
Cartridge blood conn.	FLL	MLL	Tube site	Twist lock
Cartridge filtrate and dialysate connectors	FLL	FLL	Tube site	FLL
KUF ml/h/mmHg	0,48	1,3	3,0	5,5
Hollow Fiber Material	MediSulfone[®]			
	Polysulfone 50,000 Daltons			
Sterilisation method	Irradiation			
Product code	M03956	M03662	M03985	M03098

