

Gruppo

**MEDICA**

Group

# HEMOCONCENTRATORS



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## FEMALE LUER LOCK FILTRATE CONNECTION

TECHNICAL FEATURES	DP03HC	DP07HC	DP09HC	DP12HC	DP15HC
Intended Use	Paediatric	Adult	Adult	Adult	Adult
Hollow fiber Material/Cut Off	HIGH FLUX <b>PUREMA</b>				
Membrane Area (m <sup>2</sup> )	0.3	0.7	0.9	1.2	1.5
Fiber internal diameter (µm)	200	200	200	200	200
Fiber external diameter (µm)	260	260	260	260	260
Fiber Wall thickness (µm)	30	30	30	30	30
Fiber length (mm)	140	140	140	225	225
Number of fibers	3.600	9.300	11.000	9.300	11.000
Filter housing internal diameter (mm)	24	38	38	38	38
Priming blood volume (ml)	21	49	57	75	87
Max transmembrane pressure (mmHg)	600	600	600	600	600
Potting compound	Polyurethane				
Cartridge housing material	Polycarbonate (PC) / Copolyester - BPA Free				
Cartridge blood ports material	Polycarbonate (PC) / Copolyester - BPA Free				
Cartridge blood connectors	Twist Lock	Twist Lock	Twist Lock	Twist Lock	Twist Lock
Cartridge filtrate/dialysate connectors	Female Luer Lock				
Unit length (mm)	180	180	180	265	265
Ultrafiltration Rate** (ml/h/mmHg)	14	32	41	55	63
Product code ETO sterilised	M03957	M03958	M03959	M03960	M03961
Product code sterilised by irradiation	M03967	M03968	M03969	M03970	M03971
Packaging (q.ty/box)	10	6	6	6	6

Hemoconcentrators are used during cardiac bypass surgery to control hemodilution and hematocrit levels during the surgery procedure.

Medica manufactures a complete range of hemoconcentrators based on **PUREMA** membrane; The range includes the following models:

- DP03HC, DP07HC, DP09HC, DP12HC, DP15HC with FLL filtrate connection;
- DP60HC, DP120HC, DP150HC, DP190HC, DP230HC with HANSEN filtrate connection.

## HANSEN FILTRATE CONNECTION

TECHNICAL FEATURES	DP60HC	DP120HC	DP150HC	DP190HC	DP230HC
Intended Use	Adult	Adult	Adult	Adult	Adult
Hollow fiber Material/Cut Off	HIGH FLUX <b>PUREMA</b>				
Membrane Area (m <sup>2</sup> )	0.6	1.2	1.5	1.9	2.3
Fiber internal diameter (µm)	200	200	200	200	200
Fiber external diameter (µm)	260	260	260	260	260
Fiber Wall thickness (µm)	30	30	30	30	30
Fiber length (mm)	140	260	260	260	260
Number of fibers	7.200	7.200	9.300	11.800	14.400
Filter housing internal diameter (mm)	32	32	36	40	44
Priming blood volume (ml)	39	69	87	115	133
Max transmembrane pressure (mmHg)	600	600	600	600	600
Potting compound	Polyurethane				
Cartridge housing material	Polycarbonate (PC) / Copolyester - BPA Free				
Cartridge blood ports material	Polycarbonate (PC) / Copolyester - BPA Free				
Cartridge blood connectors	Twist Lock	Twist Lock	Twist Lock	Twist Lock	Twist Lock
Cartridge filtrate/dialysate connectors	Hansen				
Unit length (mm)	180	300	300	300	300
Ultrafiltration Rate** (ml/h/mmHg)	28	55	63	75	87
Product code ETO sterilised	M03962	M03963	M03964	M03965	M03966
Product code sterilised by irradiation	M03972	M03973	M03974	M03975	M03976
Packaging (q.ty/box)	10	28	28	20	20

Medica Hemoconcentrators Are available pre-rinsed to avoid the priming procedure.

Furthermore, based on the available hemoconcentrators Medica manufactures complete preassembled hemoconcentration tubing sets.

\*\*Average UF rate 42 ml/h/mmHg/m<sup>2</sup> (for albumin solution)

**PUREMA** is a registered trademark of Membrana GmbH

Technical features are subject to change without prior notice. This document does not have contractual value

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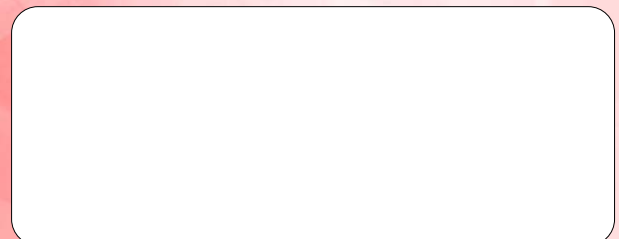
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