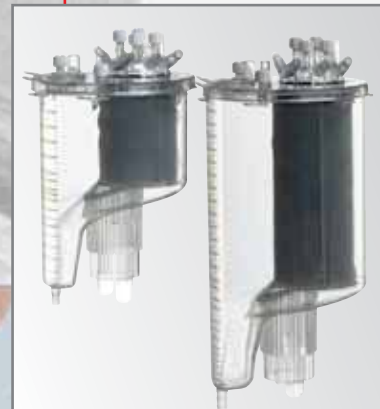


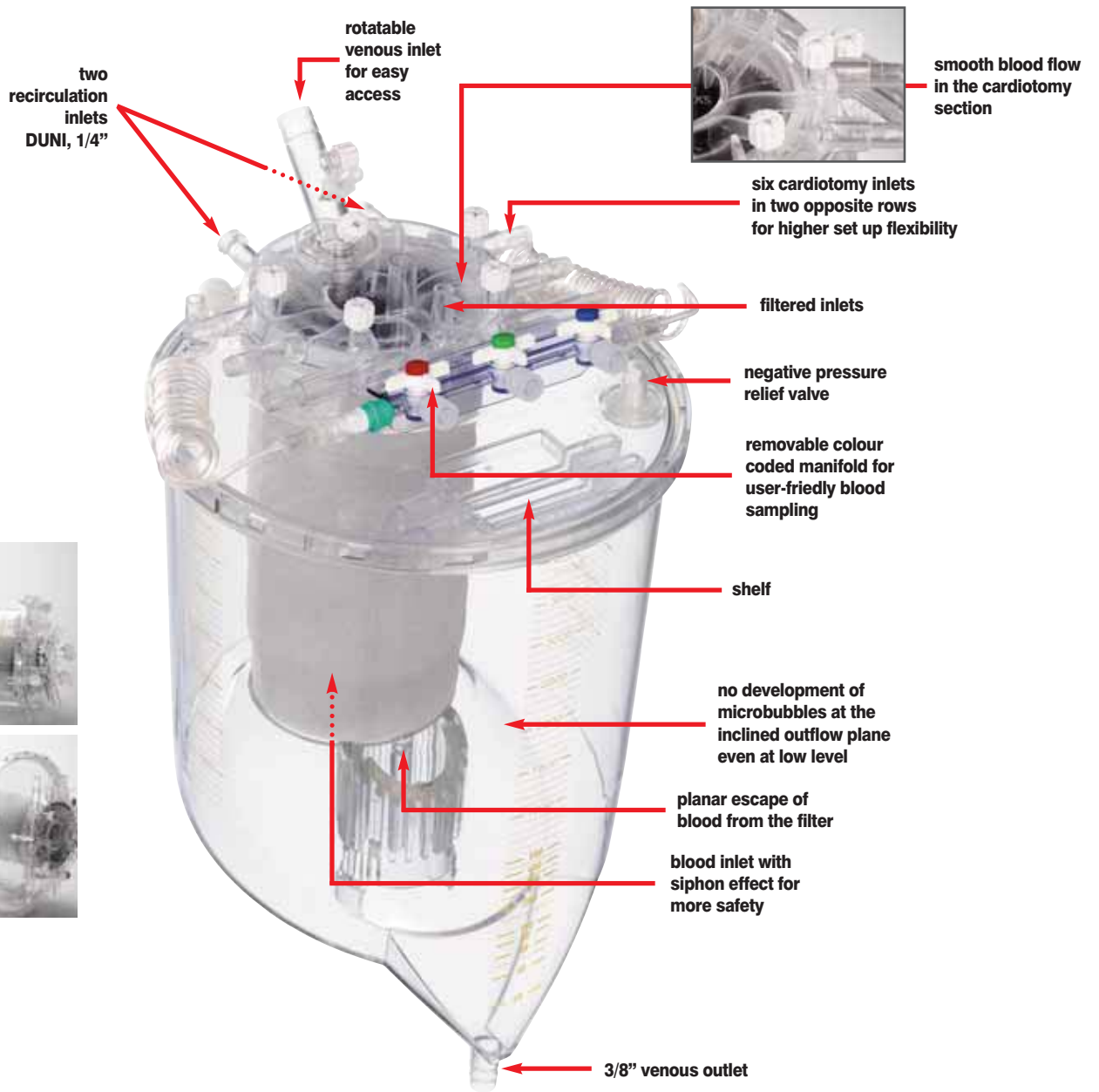
MEDOS HILITE® Reservoirs
*Venous Hardshell and Cardiotomy Reservoirs
for Adults, Paediatrics and Infants*



MEDOS HILITE® Reservoir

MVC 4030 Venous Hardshell Reservoir for Adults

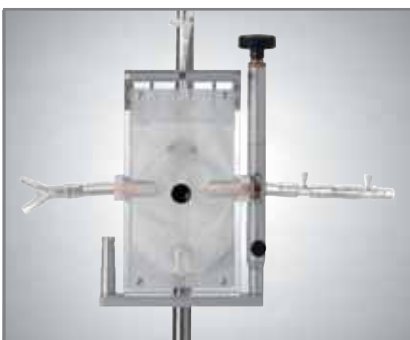
FEATURES



MEDOS HILITE® Reservoir

MVC 4030 Venous Hardshell Reservoir for Adults

SPECIFICATIONS



MVC 4030 Venous Hardshell Reservoir for Adults

- **Minimum operating volume** 300 ml
- **Maximum priming volume** 4000 ml
- **Blood flow rate**
 - Venous section up to 7 l/min
 - Cardiotomy section up to 4 l/min
 - maximum total flow up to 7 l/min
- **Cardiotomy filtration** 30 µm screen filter, MVC 4030

Venous section defoamed ports

- Venous inlet 1/2", 360° rotatable
- Luer lock 2 x female

Cardiotomy section, filtered and defoamed ports

- Sucker 6 x 1/4" - 3/8"
- Quick primes 1 x 1/4", 1 x 3/8"
- Luer lock 4 x female
- Recirculation 1 x 1/4", 1 x DUNI

Non filtered and non defoamed ports

- Vent 1 x 1/4"
- Luer lock 1x female

Venous outlet

- 3/8" at the venous inlet port

- **Temperature port**

- **Vacuum relief valve**

-100 mmHg

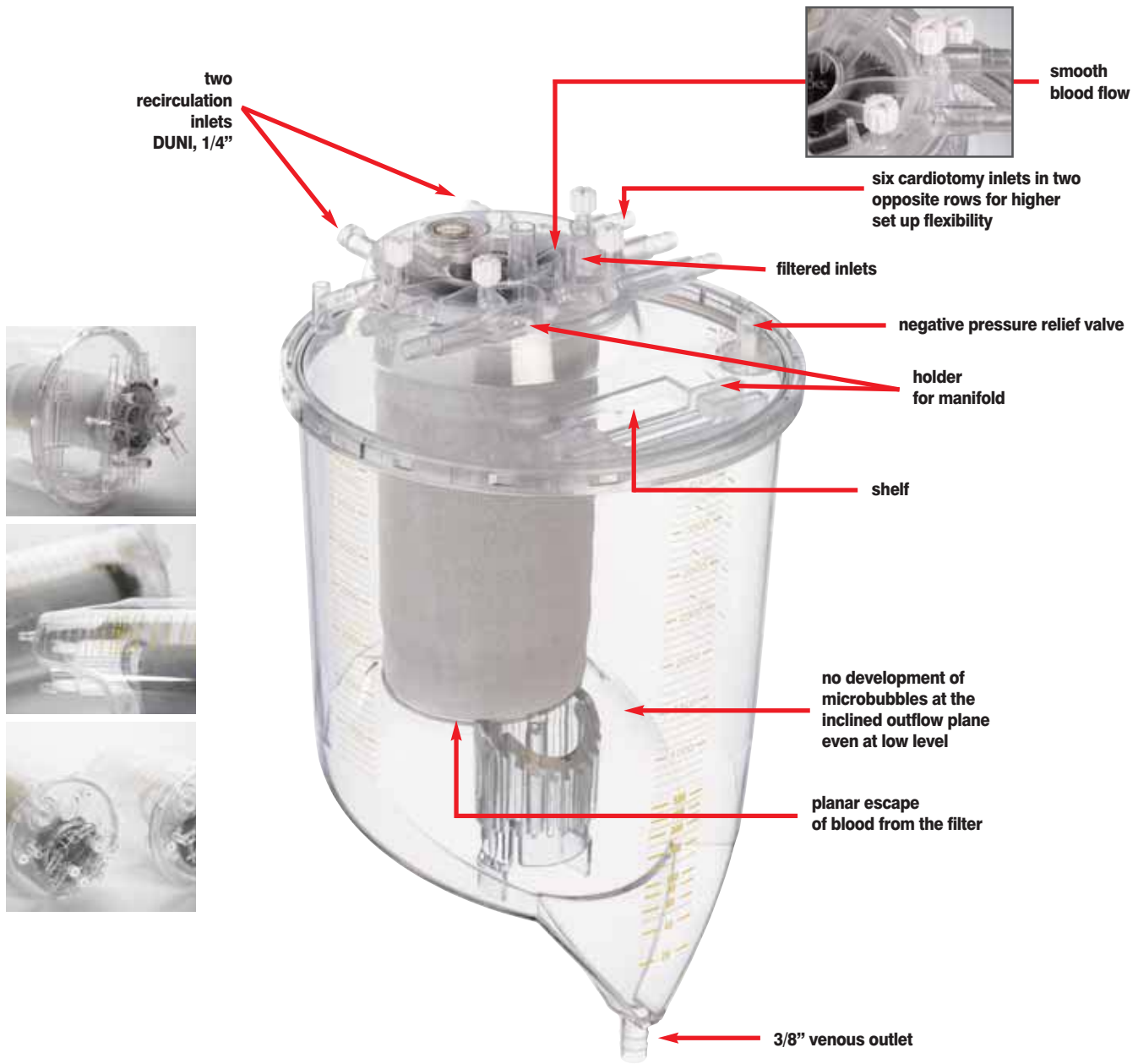
MS Venous Softbag Reservoir for Adults

- **Maximum volume** 800 ml
- **Recommended flow rate** 1-7 l/min
- **Bubble trap**
 - Material Polyester screen
 - Filtration 185 µm
- **Ports** depending on reservoir type

MEDOS HILITE® Reservoir

MC 4040 Cardiotomy Reservoir for Adults

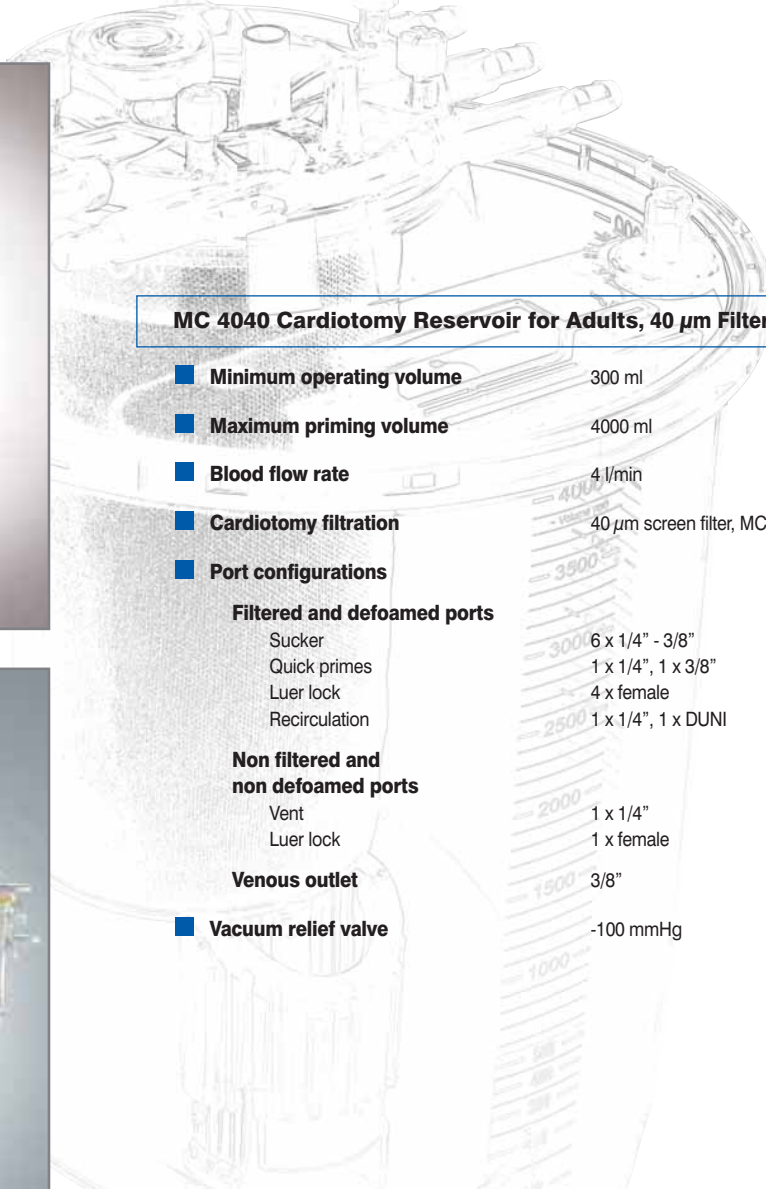
FEATURES



MEDOS HILITE® Reservoir

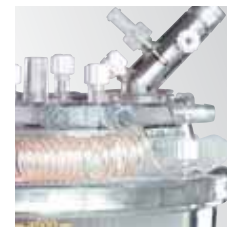
MC 4040 Cardiotomy Reservoir for Adults

SPECIFICATIONS



MC 4040 Cardiotomy Reservoir for Adults, 40 µm Filter

- **Minimum operating volume** 300 ml
- **Maximum priming volume** 4000 ml
- **Blood flow rate** 4 l/min
- **Cardiotomy filtration** 40 µm screen filter, MC 4040
- **Port configurations**
 - Filtered and defoamed ports**
 - Sucker 6 x 1/4" - 3/8"
 - Quick primes 1 x 1/4", 1 x 3/8"
 - Luer lock 4 x female
 - Recirculation 1 x 1/4", 1 x DUNI
 - Non filtered and non defoamed ports**
 - Vent 1 x 1/4"
 - Luer lock 1 x female
 - Venous outlet** 3/8"
- **Vacuum relief valve** -100 mmHg



MEDOS HILITE® Reservoir

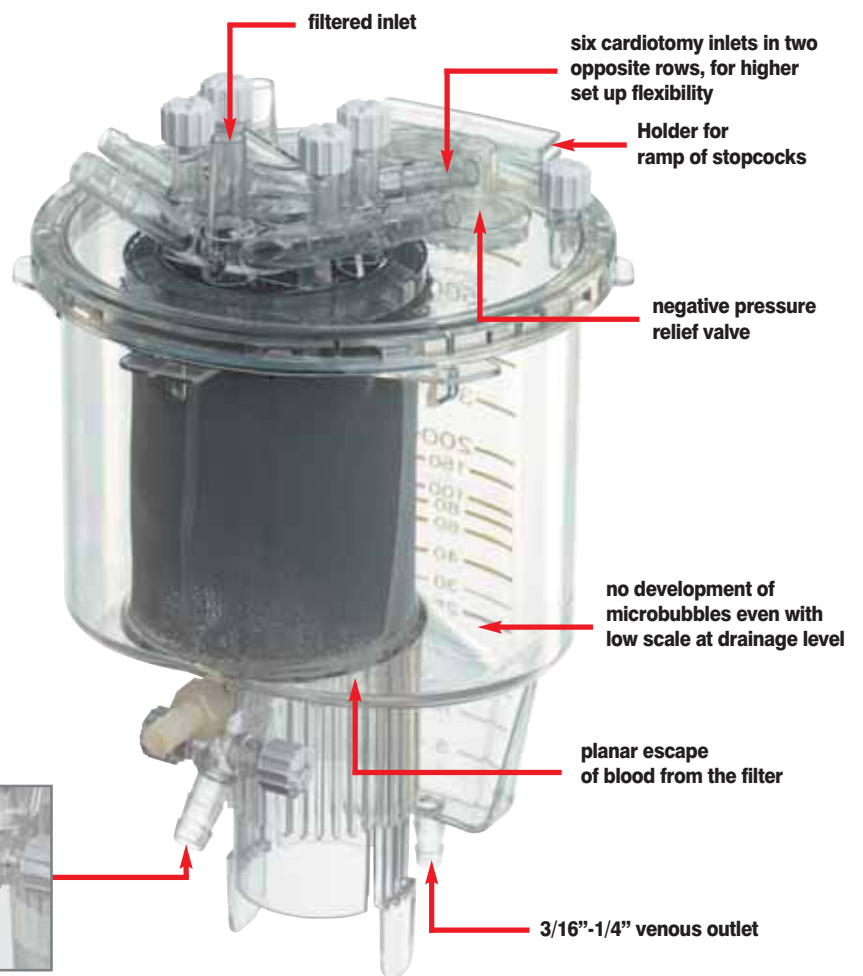
Venous Hardshell and Cardiotomy Reservoirs for Paediatrics and Infants



FEATURES

In addition to the HILITE® infant and paediatric oxygenators, MEDOS also additionally provides cardiotomy and venous hardshell reservoirs. The hardshell reservoirs are available in two versions. Adapted to the HILITE® Oxygenators and single packed. The reservoirs prevent a straining of the blood and impressive user friendly application features.

- Trauma reducing blood flow control
- Optimised maximum filling capacity of perfusion solution
- Low dynamic priming volume
- Completely transparent housing
- Various filtered and unfiltered connection options
- Multifunctional bottom side venous inlet
- Optimised venous outlet to avoid a disruption of blood flow
- Excellent rinsing of temperature sensor



MEDOS HILITE® Reservoir

Venous Hardshell and Cardiotomy Reservoirs for Paediatrics and Infants

SPECIFICATIONS



Venous Hardshell Reservoir for Paediatrics and Infants

	Paediatric	Infant
■ Operating volume	50 ml - 1600 ml	50 ml - 700 ml
■ Blood flow rate		
Venous section	3 l/min	1.2 l/min
Cardiotomy section	2 l/min	0.9 l/min
■ Cardiotomy filtration	30 µm, MVC 1630	30 µm, MVC 0730
■ Port configurations		
Venous section defoamed ports		
Venous inlet	3/8"	1/4"
Luer lock	2 x female	2 x female
Cardiotomy section, filtered and defoamed ports		
Sucker	4 x 3/16" - 1/4", 2x 1/4"	4 x 3/16" - 1/4", 2x 1/4"
Quick prime	1 x 1/4"	1 x 1/4"
Luer lock	4 x female	4 x female
Non filtered and non defoamed ports		
Vent	1 x 1/4"	1 x 1/4"
Luer lock	2 x female	2 x female
Venous outlet	1/4"	3/16" - 1/4"
■ Temperature port	at the venous inlet port	at the venous inlet port
■ Vacuum relief valve	-100 mmHg	-100 mmHg

Venous Softbag Reservoir for Paediatrics and Infants

■ Maximum volume	350 ml
■ Minimum volume	40 ml
■ Recommended flow rate	1-3 l/min
■ Bubble trap	
Material	Polyester screen
Filtration	185 µm
■ Ports	depending on reservoir type

Cardiotomy Reservoir for Paediatrics and Infants

	Paediatric	Infant
■ Operating volume	50 ml - 1600 ml	50 ml - 700 ml
■ Blood flow rate	2 l/min	0.9 l/min
■ Cardiotomy filtration	40 µm	40 µm
■ Port configurations		
Filtered and defoamed ports		
Sucker	4 x 3/16" - 1/4", 2 x 1/4"	4 x 3/16" - 1/4", 2 x 1/4"
Quick prime	1 x 1/4"	1 x 1/4"
Luer lock	4 x female	4 x female
Non filtered and non defoamed ports		
Vent	1 x 1/4"	1 x 1/4"
Luer lock	2 x female	2 x female
Venous outlet	1/4"	3/16" - 1/4"
■ Vacuum relief valve	-100 mmHg	-100 mmHg

MEDOS HILITE® Reservoirs

Venous Hardshell and Cardiotomy Reservoirs for Adults, Paediatrics and Infants

ORDERING INFORMATION

PRODUCT

CODE

RESERVOIRS FOR ADULTS

HILITE® MVC 4030

Venous Hardshell Reservoir, 30 µm Filter

ME 6221 0100

HILITE® MC 4040

Cardiotomy Reservoir, 40 µm Filter

ME 6222 0102

HOLDER

Holder for MEDOS HILITE® MC und MVC Reservoirs for Adults

ME ZH 0031

RESERVOIRS FOR PAEDIATRIC AND INFANTS

HILITE® MVC 1630

Venous Hardshell Reservoir for Paediatrics, 30 µm Filter

ME 6221 0210

HILITE® MVC 0730

Venous Hardshell Reservoir for Infants, 30 µm Filter

ME 6221 0310

HILITE® MC 1640

Cardiotomy Reservoir for Paediatrics, 40 µm Filter

ME 6222 0212

HILITE® MC 0740

Cardiotomy Reservoir for Infants, 40 µm Filter

ME 6222 0312

HOLDER

Holder for HILITE® MC and MVC Paediatric and Infant Reservoirs
Holder for HILITE® Venous Softbag Reservoirs

ME ZHHR 5002
ME ZHWR 5002

FITTINGS

Holder for stopcock manifold
Temperature Probe

ME ZHHB 0080
ME 4700

All venous Hardshell Reservoirs are also offered as Oxygenation Systems with adapted HILITE® Oxygenator.

CE
0481

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