



MEDOS HILITE®
Paediatric and Infant Hollow Fibre Oxygenator



The best for our smallest patients

MEDOS HILITE® 800 LT and MEDOS HILITE® 1000
Infant Hollow Fibre Oxygenator

MEDOS HILITE® 2400 LT and MEDOS HILITE® 2800
Paediatric Hollow Fibre Oxygenator



Based on the established technology of the HILITE® 7000 Oxygenator, two smaller versions were derived for the special needs of Paediatrics and Infants. The outstanding technology ensures safe and reliable functionality and efficiency.

- Outstanding gas transfer
- Low priming volume
- Excellent blood and air handling
- Integrated heat exchanger

In addition to these features we have implemented innovative technologies beyond state of the art:

The user can choose between a microporous and a new closed fibre for longer term use.

Furthermore, an increased flow range offers a higher level of flexibility and safety for a wide range of applications.

Finally, all versions can be treated with Rheoparin®, the MEDOS Heparin Coating System.

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1. Blood inlet
2. Recirculation
3. Blood outlet
4. Blood sample, arterial
5. Gas outlet
6. Water inlet
7. Water outlet
8. Gas inlet
9. Vent port, venous
10. Temperature port
11. Remove port for remaining blood



Specifications

	HILITE® 800 LT	HILITE® 1000	HILITE® 2400 LT	HILITE® 2800
■ Max. blood flow	0,8 l/min	1,0 l/min	2,4 l/min	2,8 l/min
■ Static priming volume	55 ml	57 ml	95 ml	98 ml
■ Gas exchanger				
Material:	Polymethylpentene	Polypropylene	Polymethylpentene	Polypropylene
Type:	Plasma tight hollow fibre	Microporous hollow fibre	Plasma tight hollow fibre	Microporous hollow fibre
ID/OD:	200/380 µm	200/300 µm	200/380 µm	200/300 µm
Surface:	0,32 m ²	0,39 m ²	0,65 m ²	0,8 m ²
■ Heat exchanger				
Material:	Polyester	Polyester	Polyester	Polyester
Type:	Hollow fibre	Hollow fibre	Hollow fibre	Hollow fibre
Surface:	0,074 m ²	0,074 m ²	0,16 m ²	0,16 m ²
Heat exchanger performance:	63%	63%	63%	63%
■ Port configuration				
Blood inlet, -outlet:	1/4" - 3/16", 1/4" - 3/16"	1/4" - 3/16", 1/4" - 3/16"	1/4", 1/4"	1/4", 1/4"
Gas inlet, -outlet:	1/4", 1/4"	1/4", 1/4"	1/4", 3/8"	1/4", 3/8"
Water inlet, -outlet:	1/4" Hansen-type coupler	1/4" Hansen-type coupler	1/4" Hansen-type coupler	1/4 Hansen-type coupler
Recirculation, arterial:	Luer lock female	Luer lock female	Luer lock female	Luer lock female
Blood sample, arterial:	Luer lock female	Luer lock female	Luer lock female	Luer lock female
Temperature, arterial:	Luer lock female	Luer lock female	Luer lock female	Luer lock female
Vent, venous:	Luer lock female	Luer lock female	Luer lock female	Luer lock female
Remove port for remaining blood:	Luer lock female	Luer lock female	Luer lock female	Luer lock female

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ORDERING INFORMATION

PRODUCT	REF.-NO.	
HILITE® 800 LT Infant Hollow Fibre Oxygenator	with plasma tight hollow fibre	
	uncoated ME 6208 0L01	Rheoparin® coated ME 6208 CL01
HILITE® 1000 Infant Hollow Fibre Oxygenator	with microporous fibre	
	uncoated ME 6208 0001	Rheoparin® coated ME 6208 C001
HILITE® 2400 LT Paediatric Hollow Fibre Oxygenator	with plasma tight hollow fibre	
	uncoated ME 6205 0L01	Rheoparin® coated ME 6205 CL01
HILITE® 2800 Paediatric Hollow Fibre Oxygenator	with microporous fibre	
	uncoated ME 6205 0001	Rheoparin® coated ME 6205 C001
Holder for Paediatric- and Infant Hollow Fibre Oxygenator	ME ZH 0502	
Water coupling for Paediatric- and Infant Hollow Fibre Oxygenator	with tubing connector	
	straight ME ZW05 0005	90° bent ME ZW05 0006
Water coupling for Paediatric- and Infant Hollow Fibre Oxygenator	with 3/8" Hansen-connector	
	straight ME ZW05 0007	90° bent ME ZW05 0008

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