



Oxygenator System



EU Authorized Representative
Designed and Manufactured by HOF Scientific, Ltd
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TECHNICAL PARAMETERS

HOF SCIENTIFIC LTD

Gas Exchange & Heat Exchange Section	WG700 0 PC	WG4000 A PC	WG2500 A PC
Housing material Oxygenation fiber material Heat exchange	PP hollow microporous fibersPP hollow microporous fibersPP hollow microporous fibers		
fiber material Oxygenation fiber	PET 1.8m ²	PET 1.3m ²	PET 1m ²
surface area Heat exchange fiber	0.4m ²	0.3m ²	0.25m ²
surface area Static priming	270ml 1-	190ml 1-	160ml 0.5-
volume Recommended blood	7L/min 10-	4L/min 10-	2.5L/min
flow range	17L/min	17L/min	10-17L/min
Recommended water flow range (for heat exchange)			1/4" 1/4"
Blood inlet	3/8		
Blood outlet	"		
Cardioplegia port	1/4" Luer connector with 1/4" adapter		
Water inlet/outlet	included 1/2" Hansen quick connector		
Gas inlet	1/4"		

Hard-Shell Reservoir Housing	WG7000	WG4000A	WG2500A
material Maximum capacity	PC 4L 1-	PC 3L 1-	PC 2L 0.5-
Recommended blood flow	7L/min	4L/min	2.5L/min
range Minimum operating	300ml	250ml 1/2"	200ml 3/8"
level Venous blood inlet Blood	1/2"	or 3/8"	or 1/4" 1/4"
outlet Suction blood inlet	3/8"	3/8"	
	1/4" 6pc	1/4" 6pc	1/4" 6pc



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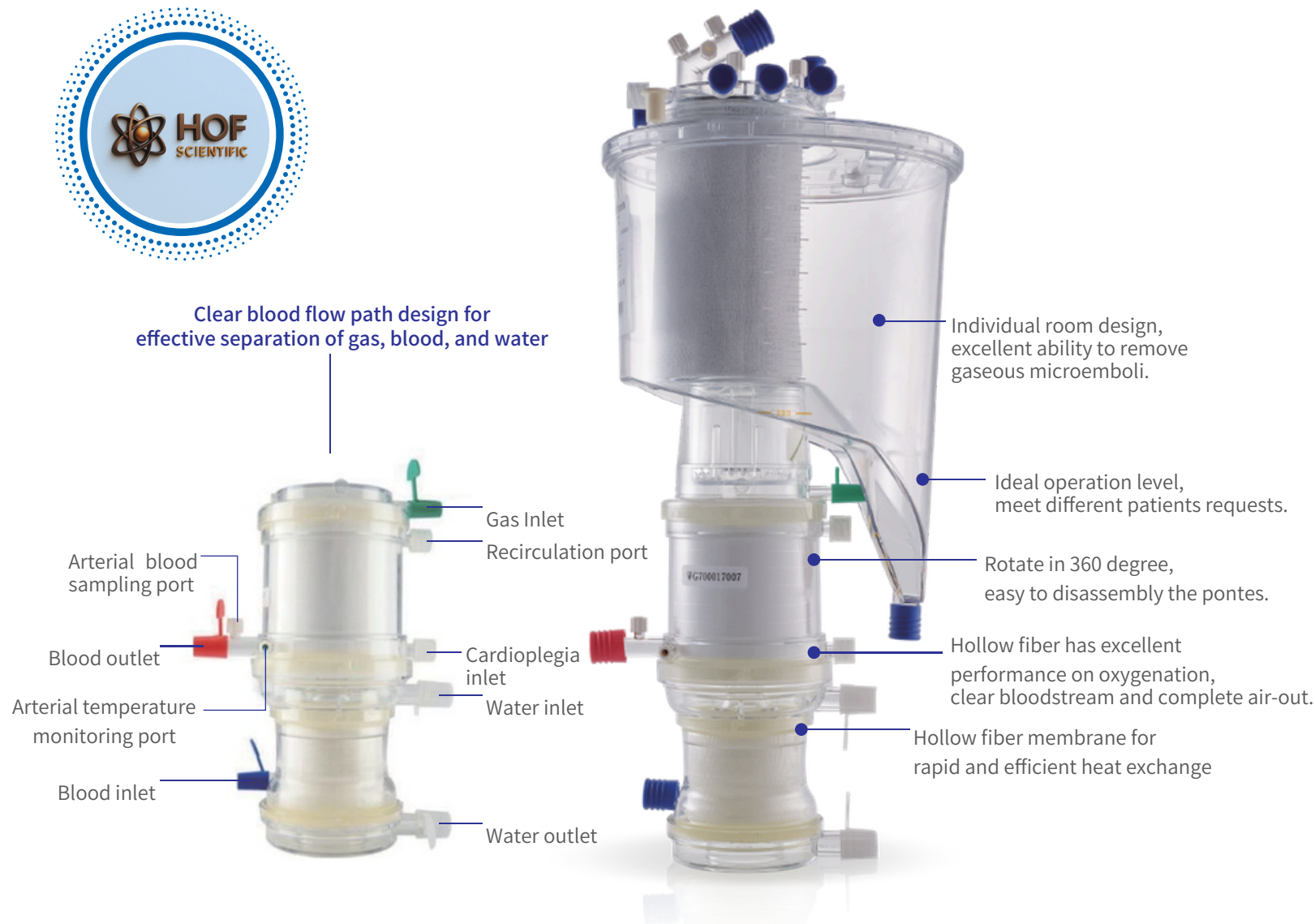
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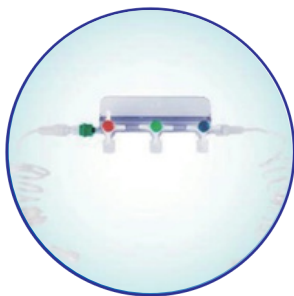
LOCAL FEATURES



WG-HBD5



360° rotatable drainage port for flexible installation



Detachable medication /sampling device for safe and efficient use



Modular reservoir system with detachable components

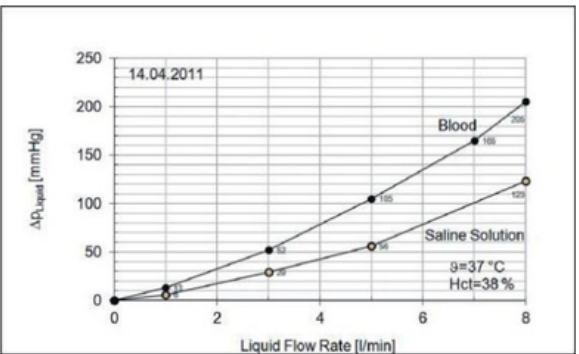
Closed system compatible with negative pressure suction

Drainage port with adjustable positive and negative pressure valve



Plug-in holder safe and reliable easy to operate

TEST DATA

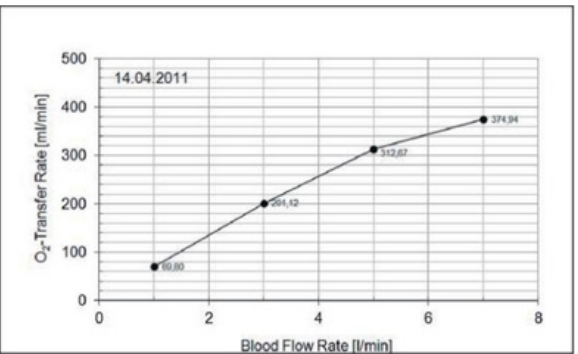


Pressure Drop Across Blood Pathway

Liquid Flow Rate

Sanline solution

Blood

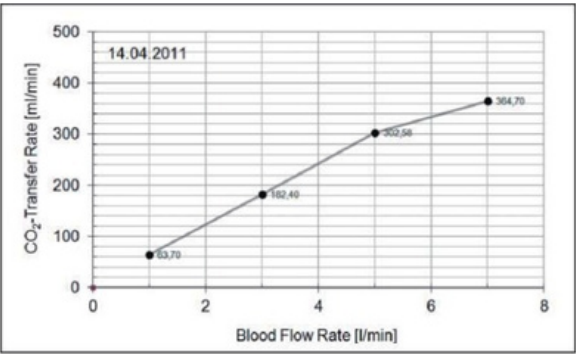


O_2 Transfer

Rate Blood Flow

Rate

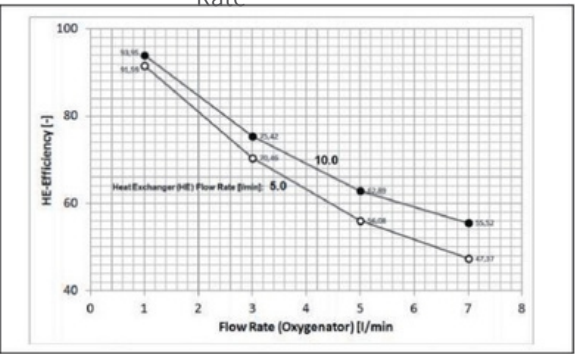
O_2 -Transfer Rate



O_2 Transfer Rate

Blood Flow Rate

O_2 -Transfer Rate



Heat Exchange Efficiency

Flow Rate(oxygenator)

Heat Exchange Efficiency

Priming volume: Tested at 270 ml

ORDERING INFORMATION

Catalog No.	Product Name	Product Description
11001	Oxygenator Systems	WG7000 (with hard-shell reservoir)
12001	Oxygenator Systems	WG4000A (with hard-shell reservoir)
13001	Oxygenator Systems	WG2500A (with hard-shell reservoir)
110011	Oxygenator Holder	WG7000, WG4000A, WG2500A