

BIOCUBE® Oxygenator



Special Features

BIOCUBE oxygenator uses distinctive PMP hollow fiber which has skin-layer. The skin-layer minimizes the formation of communicating micropores that penetrate the membrane wall, suppressing plasma leakage and enabling long-term clinical use.

Specifications

Model	BIOCUBE C 2000P	BIOCUBE C 4000P	BIOCUBE C 6000P	BIOCUBE C 2000EL	BIOCUBE C 4000EL
Max blood flow rate [L/min]	2.0	4.0	7.0	2.0	4.0
Priming volume [mL]	75	145	250	45	95
Hollow fiber surface area [m ²]	0.4	0.8	1.3	0.4	0.8
Heat exchanger surface area [m ²]	0.05	0.08	0.12	N/A	N/A
Blood inlet / outlet	1/4 inch	3/8 inch	3/8 inch	1/4 inch	3/8 inch
Water ports	Hansen quick connect fittings			N/A	N/A
Gas inlet	1/4 inch				
Sampling port	Female luer				
Thermister probe port	Yellow spring type (Y.S.I. 400)				

Materials

Hollow fiber	Poly-4-methyl-1-pentene
Heat exchanger	Stainless steel
Housing	Polycarbonate

Model code

Code	Description
BIOCUBE C 2000P	Oxygenator with TNC coating, sampling port, temperature probe port and heat exchanger, up to 2L/min blood flow rate
BIOCUBE C 4000P	Oxygenator with TNC coating, sampling port, temperature probe port and heat exchanger, up to 4L/min blood flow rate
BIOCUBE C 6000P	Oxygenator with TNC coating, sampling port, temperature probe port and heat exchanger, up to 7L/min blood flow rate
BIOCUBE C 2000EL	Oxygenator with TNC coating, w/o sampling port, temperature probe port and heat exchanger, up to 2L/min blood flow rate
BIOCUBE C 4000EL	Oxygenator with TNC coating, w/o sampling port, temperature probe port and heat exchanger, up to 4L/min blood flow rate

BIOCUBE C 6000P



BIOCUBE C 4000P



BIOCUBE C 2000P

