

BRIZIO Neonate

Nipro Membrane Oxygenator and Venous Reservoir with Integrated Cardiotomy Filter - Neonate

Special Features

- The smallest model in BRIZIO series with blood flow rate of up to 1.0 L/min
- Original synthetic coating 'E8'
- Sterilization : ETO



Hard-shell Venous Reservoir with Integrated Cardiotomy Filter

Maximum volume	750 mL (Venous chamber: 500mL, Cardiotomy chamber: 250mL)
Minimum level	10 mL
Cardiotomy filter pore size	23 µm
Venous filter pore size	42 µm
Maximum Cardiotomy flow rate	0.25 L/min
Blood flow range	0.1 - 1.0 L/min
Maximum negative pressure	-150 mmHg (-20kPa)
Cardiotomy ports	6.4 mm (1/4 inch) - 4.7 mm (3/16 inch), X4
Luer ports	Nonfiltered to cardiotomy filter, X3
Luer ports	Filtered to cardiotomy filter, X1
Luer ports	Side of venous inlet, X1
Positive/Negative pressure relief valve	Positive; 10mmHg (1.33 kPa), Negative; -203 mmHg (27.06kPa)~ -299 mmHg (39.86 kPa)
Venous inlet	6.4 mm (1/4 inch)
Cardiotomy blood drainage valve	-
Temperature monitoring adaptor	Yellow spring thermistor
Quick priming port	6.4 mm (1/4 inch)
Auxiliar port	6.4 mm (1/4 inch)
Vent port	6.4 mm (1/4 inch)
Blood collection port	Slit valve
Venous reservoir outlet	6.4 mm (1/4 inch) - 4.7 mm (3/16 inch) * * In case of using port size down connector (accessory)

Membrane Oxygenator

Priming volume	Less than 60 mL
Blood flow range	0.1 - 1.0 L/min
Maximum pressure (Blood pathway)	650 mmHg (86.66 kPa)
Effective membrane surface area	0.53 m ²
Effective heat exchanger surface area	0.029 m ²
Pressure drop	135 mmHg (18 kPa)
Maximum pressure (Water pathway)	1000 mmHg (133.32 kPa)
Blood inlet port	6.4 mm (1/4 inch) - 4.7 mm (3/16 inch) * * In case of using port size down connector (accessory)
Blood outlet port	6.4 mm (1/4 inch) - 4.7 mm (3/16 inch) * * In case of using port size down connector (accessory)
Gas inlet port	6.4 mm (1/4 inch)
Gas outlet port	9.5 mm (3/8 inch)
Air purge port	6.4 mm (1/4 inch)
Recirculation port	6.4 mm (1/4 inch)
Water ports	Hansen type coupler
Temperature monitoring adaptor	Yellow spring thermistor
Pressure monitoring port	Female luer lock
Arterial blood sampling port	Female luer lock

Model code

Code	Description
BRZ+12345N	BRIZIO Neonate oxygenator and sealed hard shell venous reservoir with integrated cardiotomy filter, E8 coated, with manifold line, recirculation line, vacuum line, and port size down adaptor
SUP+004BRZ	Holder, Advanced type
SUP+005BRZ	Holder, Intermediate type
SUP+006BRZ	Holder, Basic type