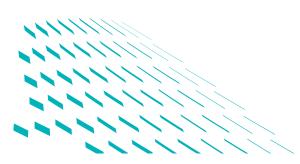


LILLIPUT 2 ECMO®

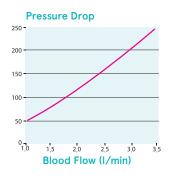
Dedicated Long-Duration Procedures Neonatal & Infant Oxygenator

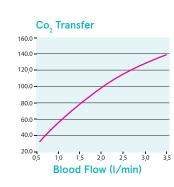
E DUCE



PLASMA-TIGHT HOLLOW FIBER OXYGENATOR

PERFORMANCE





Proteins collected at Gas Outlet (µg/ml)

Bovine blood in AAMI standard conditions

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102



O₂ Transfer 160.0 -150.0 -140.0 -130.0 -120.0 -110.0 -100.0 -90.0 80.0 70.0 60.0 50.0 40.0 🗕 40. 30.0 -0,5 2,0 2,5 1,0 1,5 3,0 3,5 Blood Flow (I/min)

CHARACTERISTICS

Lilliput 2 ECMO is the new version completing the Lilliput oxygenators' family.

60 -

50 -

40 -

30 -

20 -

10 -

Equipped with a long-term usage validated polymethylpentene membrane, it guarantees optimal performance for neonatal and infant patients undergoing long-duration surgeries or requiring extended cardiac-respiratory support.

And all with the same well known Lilliput performance, reliability, and ease of use.



All the surfaces in contact with blood are Phisio coated

Phisio coating is a second generation, truly biomimetic coating wich aims at improving the haemocompatibility of the system, rendering each blood contact surface virtually undetectable to the whole range of critical physiological response mechanisms within the blood.

Blood material interfaces are "camouflaged" with the basic molecular component common to all cell membranes, the phosphorylcholine (PC) molecule.

Technical Features

Time (hours)

Recommended maximum blood flow (ml/min)	2300
Membrane surface area (sqm)	0,67
Heat exchanger surface area (sqm)	0,02
Heat exchanger performance factor (η)	0,48 (at 2,3 I/min)
Static priming volume (oxy module+HE) (ml)	90
Membrane type	Polymethylpentene
Heat exchanger type	Stainless Steel
Oxygenating module connections:	
Venous inlet	1/4″
Arterial outlet	1/4″
Recirculation & Purging Lines	Luer-Lock

Order Guide	
050511	Lilliput 2 ECMO Phisio sterile stand alone
084524	Lilliput 2 ECMO Phisio standard circuit
05049	Lilliput 2 ECMO Holder

www.livanova.com



Manufacturer: Sorin Group Italia Srl A wholly-owned subsidiary of LivaNova PLC Via Statale 12 Nord, 86 41037 Mirandola (MO) Italy Tel: +39 0535 29811 – Fax: +39 0535 25229 info.cardiacsurgery@livanova.com The Sorin Group Italia Quality System complies with: EN ISO 13485:2012



© 2017 LivaNova all rights reserved.



09295-66 B