

# CENTRIFUGAL PUMP SAFIRA CENTRIFLUX

with BRCoating



Recommended for:

Cardiac Surgery

Minimally Invasive Surgery

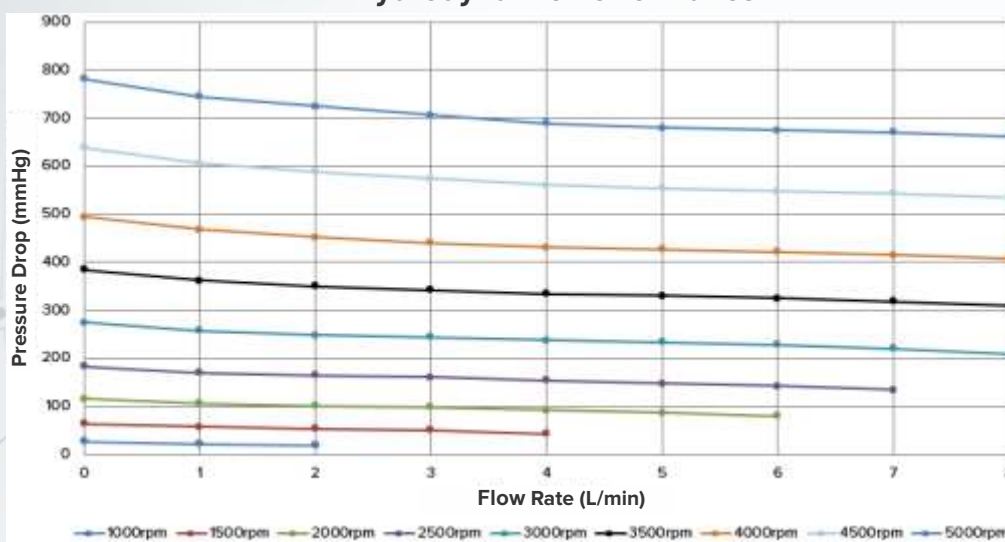
Life Support (ECMO)

**Descrição:** The Centrifugal Pump Safira Centriflux with BRCoating consists of a body (housing) with two connectors (upper inlet and lateral outlet of blood), which contains a rotor (by magnetic coupling), responsible for generating the centrifugal force that drives the blood. The Centrifugal Pump is treated with the biocompatible coating called BRCoating, consisting of recombinant human albumin, this solution covers the internal surface of the product, reducing the interaction between blood and the device. The product is composed of polymeric materials and a sphere suitable for medical applications and sterilizable by Ethylene Oxide (ETO).

**Indicação:** The Centrifugal Pump Safira Centriflux with BRCoating is indicated for extracorporeal membrane oxygenation (ECMO) technique, in cardiac surgeries with extracorporeal circulation and in extracorporeal life support procedure (ECLS), in cardiac and/or respiratory failure patients. The Centrifugal Pump Safira Centriflux with BRCoating has the function of pumping blood through the circuit, returning it to the patient.



### Hydrodynamic Performance



### BRCoating

**Product covered with biocompatible BRCoating**

A solution made of recombinant albumin which covers the product's inner surface, reducing its interaction with blood.

Features	
Maximum Flow Rate	1 - 7L/min
Centrifugal Pump Surface	192m <sup>2</sup>
Centrifugal Pump Prime	32ml
Connectors	
Blood Inlet	3/8"
Blood Outlet	3/8"

Materials	
Safira Housing	Polycarbonate
Rotor	Polycarbonate
Magnet	N48 Bipolar
Protective Covers	Polyethylene
Coating	BRCoating