

Safira Centriflux[®]

with BRCoating[®]



 **BRAILE**

LIFE-SAVING TECHNOLOGIES

CE
2797

The Safira Centriflux Centrifugal Pump with BRCoating is intended for extracorporeal circulation and consists of a housing with blood inlet and outlet connectors and a magnetically coupled rotor that generates centrifugal blood flow.

The device is manufactured from medical-grade polymeric materials suitable for Ethylene Oxide (ETO) sterilization. Blood-contact surfaces, including the polycarbonate housing and rotor, are designed to reduce hemolytic trauma and are treated with the biocompatible BRCoating technology to reduce blood interaction with the device.

Indication

The Centrifugal Pump Safira Centriflux with BRCoating is indicated for the extracorporeal membrane oxygenation (ECMO) technique in the extracorporeal life support (ECLS) procedure in patients with cardiac and/or respiratory failure. The Centrifugal Pump Safira Centriflux with BRCoating is also indicated to be used for patients who need surgical procedures requiring cardiopulmonary bypass (CPB).

The Centrifugal Pump Safira Centriflux with BRCoating is for use with patients when required blood flow rate will not exceed 7L/min. This device shall only be used by properly trained and qualified personnel.



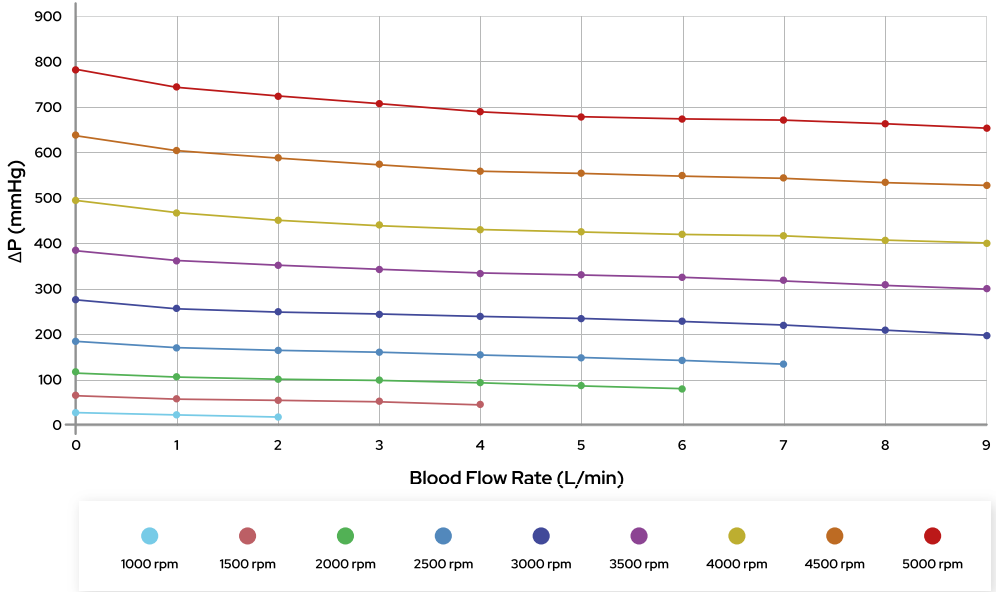
Low priming volume



| Characteristics | Values |
|---------------------------------------|--|
| Material | Polycarbonate |
| Blood flow rate | 1 – 7 L/min |
| Maximum Operating Pressure | 780 mmHg |
| Maximum Outlet Pressure | 750 mmHg |
| Connector diameter (inlet and outlet) | 3/8" (9.5 mm) |
| Internal Surface | 192 cm ² |
| Priming Volume | 32 ml |
| Maximum Pump Speed | 5000 rpm |
| Compatible Systems | RotaFlow RF-32 Bioconsole 540/550/560 with magnetic adapter* Centripump with magnetic adapter* |

Hydrodynamic Performance

Centrifugal Pump Safira Centriflux with BRCoating

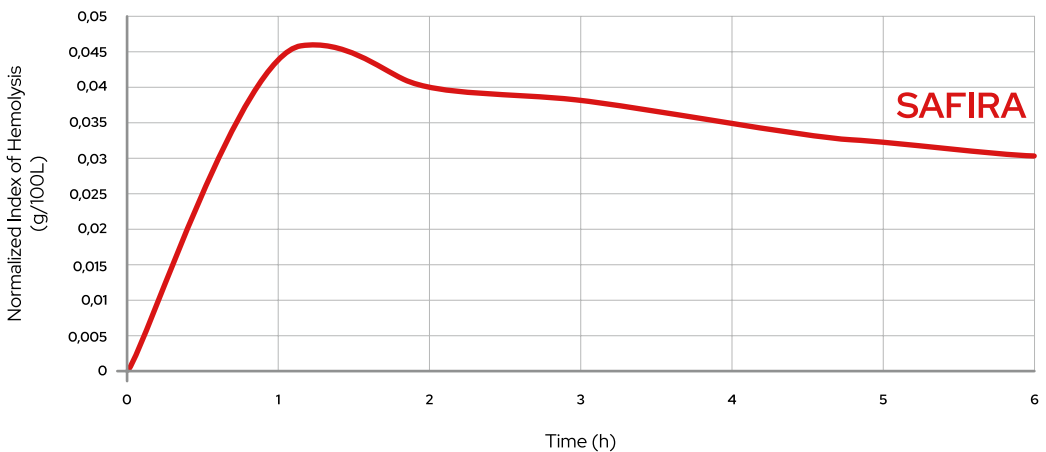


Product covered with biocompatible BRCoating

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

| Description | Code |
|---|--------|
| Centrifugal Pump Safira Centriflux with BRCoating | 616322 |

Hemolysis Index



Conditions: H_r: 36 | T: 37°C

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