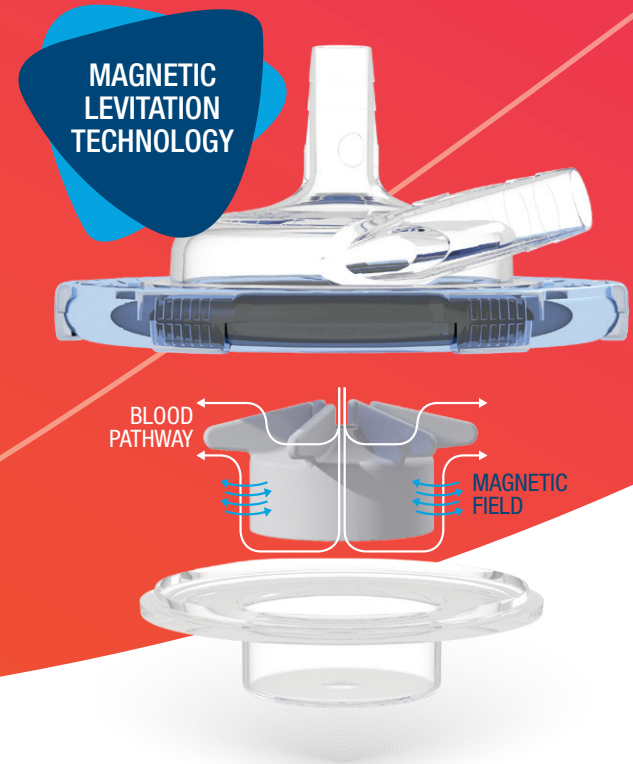


# NEW BORN PUMP

THE ONLY FULLY COATED AND  
MAGNETICALLY LEVITATING  
CENTRIFUGAL PUMP DESIGNED  
TO OPTIMIZE BLOOD FLOW EVEN  
IN THE SMALLEST PATIENTS



The Eurosets New Born Centrifugal Pump **features state-of-the-art magnetic levitation technology** to reduce shear stress and optimize fluid dynamics. The contact-free impeller is designed on the basis of the ECMOLife adult/paediatric pump, clinically proven to significantly reduce hemolysis compared to standard vortex-bound centrifugal pumps<sup>1</sup>.

With a maximum flow rate of 3 l/min, Eurosets newborn pump achieves **exceptional hydrodynamic performance**, even at very low flow rates. Pre-assembled circuits facilitate use on ECMOLife and Colibri devices, providing prompt set-up and priming, as well as measurement of pressures and venous parameters.

1. Condello et al. Magnetic levitation pump versus constrained vortex pump: a pilot study on the hemolysis effect during minimal invasive extracorporeal circulation, *Journal of Cardiothoracic Surgery*, 2021