



INSPIRA™ ART 100

OUT OF BODY INSPIRATION

inspira™ Breathing.  
Empowered.™

## STEP-BY-STEP GUIDANCE WHEN EVERY SECOND COUNTS



Sensors  
Connectivity



Disposable  
Set Priming



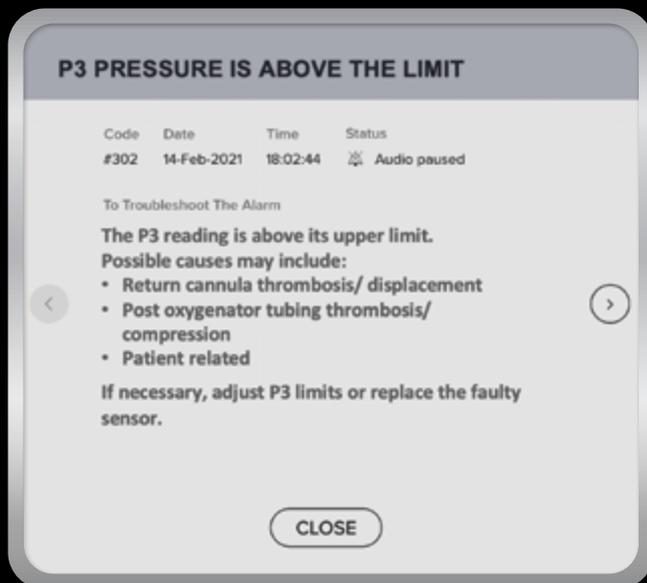
Sensor  
Calibrations



Target Flow  
Calculation

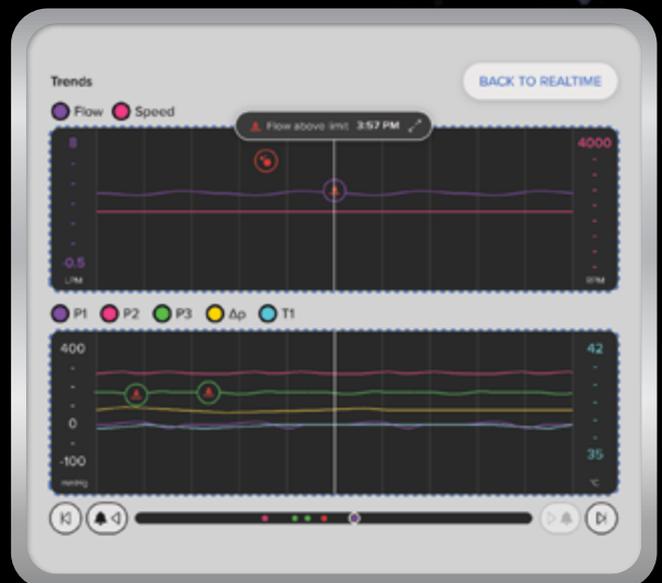
Navigate effortlessly with one-tap access, enabling fast and effective use similar to your preferred apps, the INSPIRA™ SETAPP application offers straightforward, guided instructions to enhance operational efficiency and standardization, ensuring an error-free setup for both frequent and occasional users.

## ON-SCREEN PATIENT MONITORING IN-DEPTH CLINICAL INSIGHTS



### Alarm Troubleshooting Tips

Supports quick response times and helps reduce users' level of anxiety\*.



### In-Depth Incident Analysis

Enables thorough investigation of procedural events, promoting continuous learning and driving quality improvements within your team.

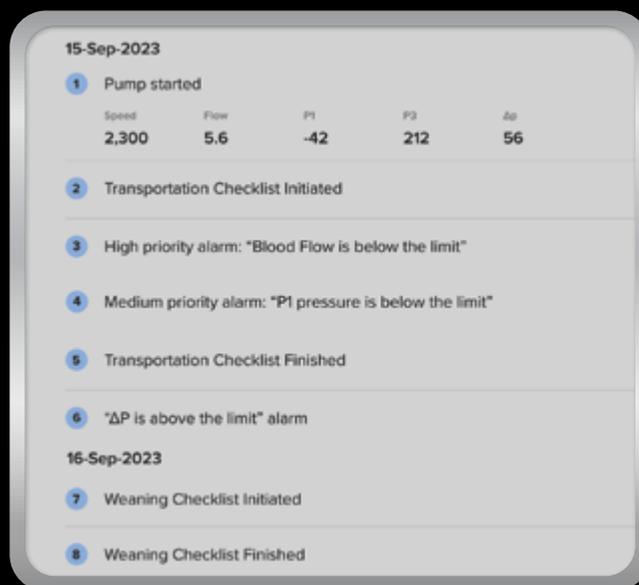
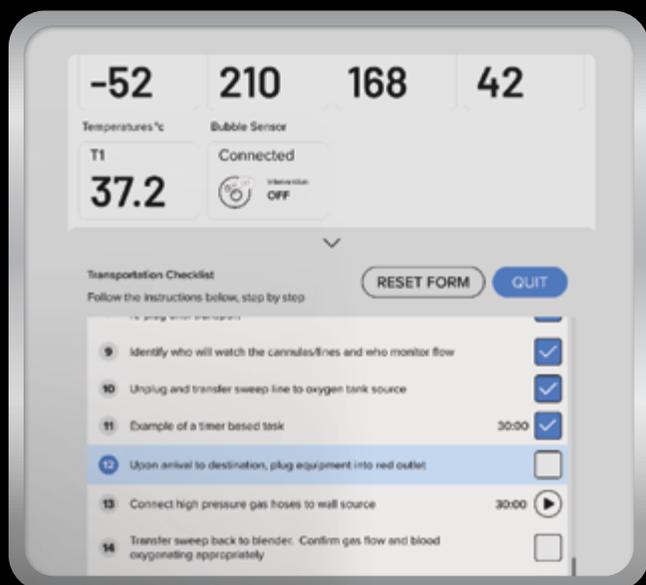
\* Includes recommended steps adopted from "Extracorporeal Life Support: The ELSO Red Book", 6th edition, chapter 7 – Circuit Malfunction and Crisis Management



# INSPIRA™ ART100

Designed with medical professionals in mind, the INSPIRA™ ART100 revolutionizes extracorporeal blood circulation by integrating cutting-edge technology with intuitive design to optimize patient care during crucial times.

## ON-SCREEN PROCEDURE OVERVIEW



### Hospital-Customizable Checklists

Upload your institutional procedures to ensure every step aligns with your practice routines and is executed precisely.

### Comprehensive Procedure Overview

Delivers a complete report including parameters trends and alarms, to enhance team communication and facilitate smooth information sharing.

## Future Capabilities

### CLIP-ON HYLA™ BLOOD SENSOR REAL-TIME BLOOD MONITORING

The clip-on HYLA™ blood sensor aims to alert physicians of changes in a patient's condition without the need for intermittent actual blood samples. This real-time, continuous monitoring technology could be applicable in extracorporeal blood oxygenation procedures.





## YOUR SOLUTION

### ENHANCE EFFICIENCY AND REDUCE DOWNTIME

#### **Portability**

Features a compact design, foldable handle, and up to 4 hours of battery life.

#### **24/7 Operational Support**

Our dedicated support team is available to ensure continuous smooth operations, with quick spare parts delivery, minimizing downtime.

#### **Your Flexibility in Choice**

Compatible with various disposable parts, allows for flexible customization of tubing and oxygenators, which simplifies purchasing and inventory management.

# TECHNICAL SPECIFICATIONS

Dimensions (W x H x D)	(13" X 9" X 18") / (33 cm X 23 cm X 45 cm)
Weight	26.5lb. / 12kg
Speed	0-3,600 RPM
Flow	0-8 LPM
Backup	Emergency Manual Drive (easy switch to / from)
Touch Screen	13.3" Full-HD
Compatible with 3rd party centrifugal pumps and oxygenators	
Battery operation time: greater than 4 hours under typical conditions	
Sensors	<ul style="list-style-type: none"><li>- Flow / Bubble sensor (3/8" and 1/4" tubing)</li><li>- Pressure x3</li><li>- Temperature</li></ul>
INSPIRA™ CART	<ul style="list-style-type: none"><li>- Controller angle adjustment</li><li>- Protective frame</li><li>- Heater/cooler shelf</li><li>- Multiple mounting options</li></ul>

inspira™

| Nasdaq: IINN

Inspira™ was incorporated in 2018 with a clear mission: advancing respiratory and life-support care through innovation.

The company is developing novel life support solutions with Inspira™ blood oxygenation and blood monitoring technologies. Inspira™ is on a quest to become a ground-breaking medical device company with business alliances worldwide.

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The INSPIRA™ ART100 system is FDA 510(k) cleared for use in an extracorporeal perfusion circuit to pump blood during short-duration cardiopulmonary bypass procedures lasting 6 hours or less. The first configuration of the Clip-on HYLE™ blood sensor is currently in clinical evaluation with the company utilizing in-house lab testing as well as clinical studies in the process for the purpose of research and development and yet to receive regulatory approval. Copyright © 2018-2024 Inspira™ Technologies OXY B.H.N. LTD., All rights reserved. MRK-ARS-0036 Rev.1 | September 2024