



INSPIRA™ ART 100

OUT OF BODY INSPIRATION

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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"> - Flow / Bubble sensor (3/8" and 1/4" tubing) - Pressure x3 - Temperature
INSPIRA™ CART	<ul style="list-style-type: none"> - Controller angle adjustment - Protective frame - Heater/cooler shelf - Multiple mounting options

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| Nasdaq: IINN

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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.

Inspira™ has partnered with Glo-Med Networks Inc. for USA market development/commercial and distribution. Glo-Med seeks out unique solutions to a range of healthcare challenges, partnering with the world's most innovative medical device and biomedical companies. As long-term investment and distribution partners, Glo-Med works closely with organizations such as Inspira™ to improve patient care.

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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 HYLA™ 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



YOUR SOLUTION

ENHANCE EFFICIENCY AND REDUCE DOWNTIME

Portability

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

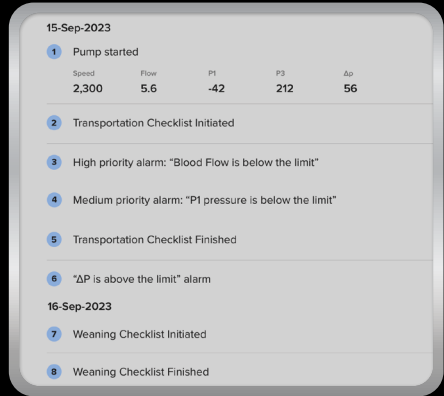
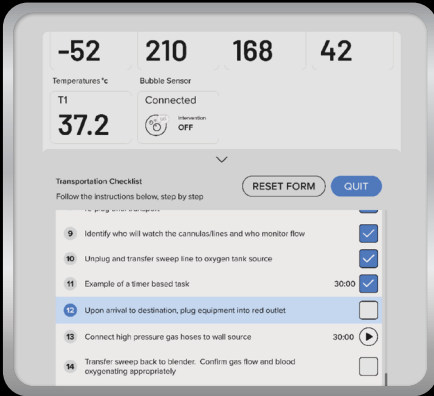
24/7 Operational Support

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.

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.





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.

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

P3 PRESSURE IS ABOVE THE LIMIT

Code	Date	Time	Status
#302	14-Feb-2021	18:02:44	🔊 Audio paused

To Troubleshoot The Alarm

The P3 reading is above its upper limit.
Possible causes may include:

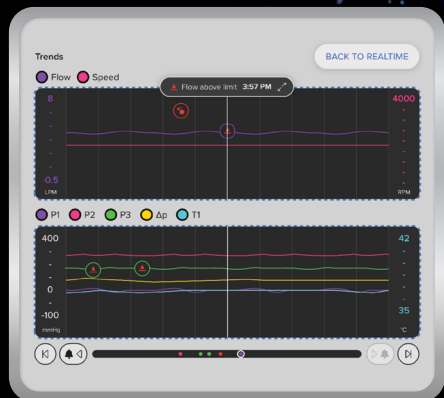
- Return cannula thrombosis/ displacement
- Post oxygenator tubing thrombosis/ compression
- Patient related

If necessary, adjust P3 limits or replace the faulty sensor.

CLOSE

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