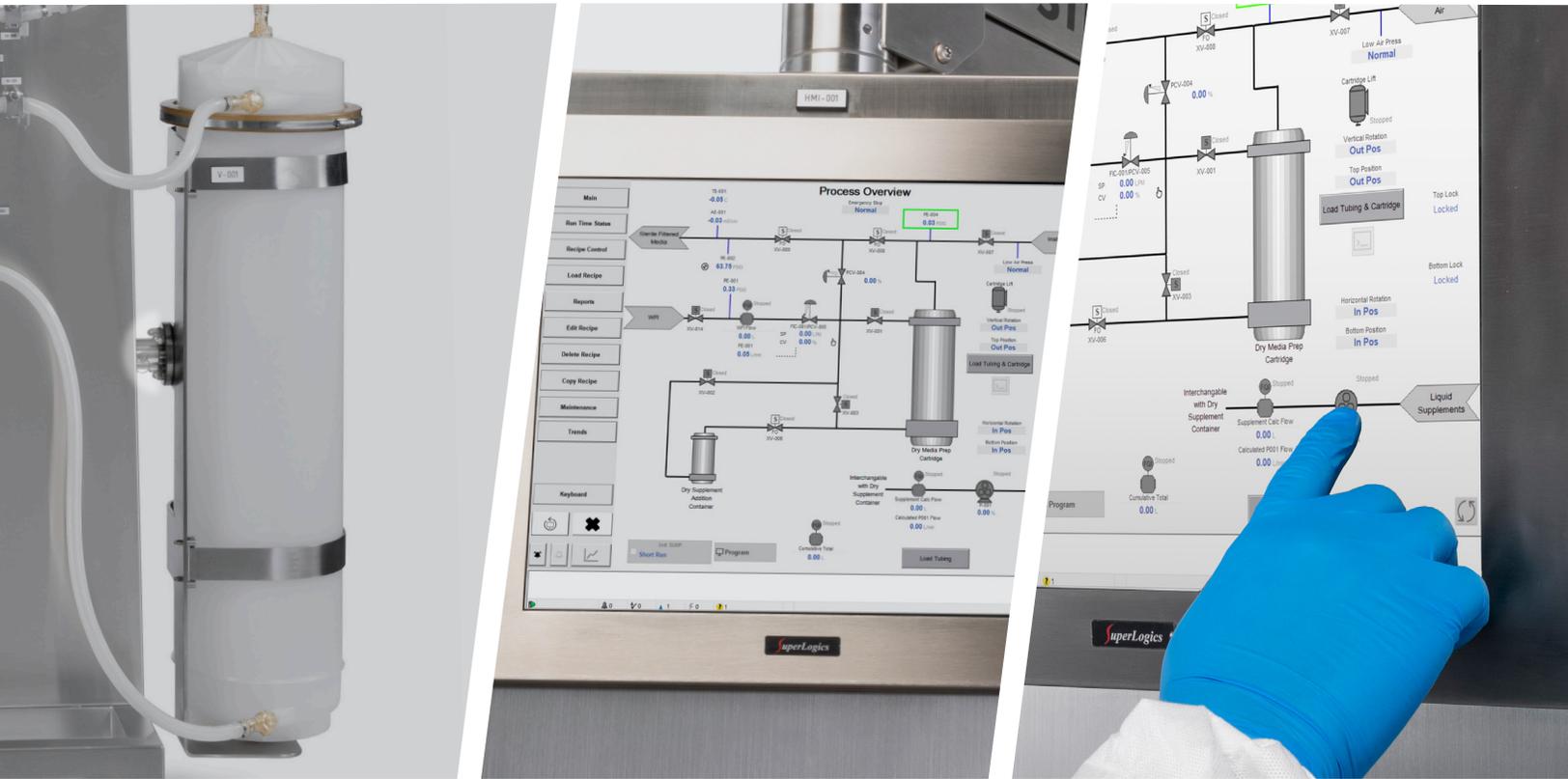


LOAD. SET. GO.



# Oceo Rover: Automated Hydration System

DESIGNED SPECIFICALLY FOR THE HYDRATION OF  
POWDERED MEDIA BUFFERS—TRANSFORM YOUR  
BIOPROCESSING OPERATIONS.

**IMAGINE MORE**

# We've redesigned the basics so you can transform the future

## OPTIMIZED HARDWARE

The Oceo Rover difference begins with the skid and the simplicity of its press-and-play automation.



- Integrated single-use closed loop system
- Simplified workflow: just add water in a small-footprint skid
- Eliminates the need for media prep tank
- Automated process ensures proper dissolution of powders

## INTELLIGENT AUTOMATION

The system's automated software is easy to use and delivers the right concentration of media and buffers.



- Programmable software directs the right logical task sequences for your process
- Select from pre-programmed recipes
- Multiple user-level permissions allow full administrative control

# Oceo Rover's products and services work together in a closed loop system that enables your team to optimize how they work.

The Oceo Rover harnesses new intuitive technologies, single-use consumables, and dedicated design services into one first-of-its-kind single-suite alternative to current stirred tank mixing technologies.

## HYDRATION CARTRIDGES

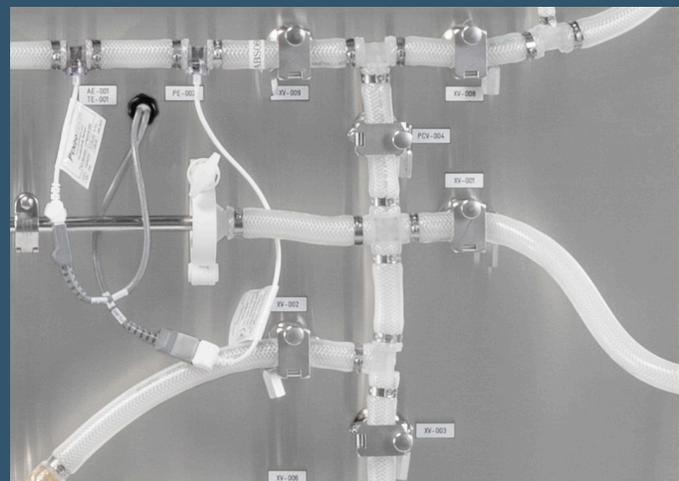
The buffer and media are pre-packaged and ready-to-use with just one touch.



- Single-use polypropylene cylinder. Designed to optimize the hydration process
- Built to optimize hydration while minimizing loss
- Available in four sizes
  - 34" and 10" for primary media/buffer
  - 14" and 7" for supplements

## TUBING ASSEMBLIES

Tubing assemblies are an integral part of the system, enabling rapid turn around, preventing cross contamination, and a reduction in waste.



- Unique fluid pathways direct the flow of water in a closed loop system
- Single-use setup allows for faster batch turnover
- Pressure and conductivity sensors enable real-time data capture

***Purpose-built to reduce complexity and streamline workflow***

# Move forward faster with automation

The Oceo Rover platform is designed to combine an automated skid, with prepacked hydration cartridges and tubing, into a small footprint using automated programmable software to make preparation processes simple and efficient.

The system is designed for media and buffer make up, from process development to manufacturing, for both upstream and downstream processes in all biopharmaceutical applications.

***Streamlined  
efficiency enables  
new ways to work***

The simplified one-touch system takes less space, maintenance, and labor than traditional systems, allowing you to focus on your priorities.

***Faster setup  
means faster  
turnaround time,  
every time***

Increase the speed of hydrating media and buffer in a single step, so you can decrease turnaround times and drive productivity.

***Intelligent system  
and team support  
deliver consistency***

Our Process Development Group helps you identify the ideal hydration sequence to optimize workflows and ensure a homogenous solution. Real-time data analytics delivers actionable insights to augment efficiency.



# Minimize risk. Maximize confidence.



## **A closed environment is a cleaner environment**

Minimizing dust and aerosol exposure while reducing waste, Oceo Rover can improve environmental health and safety, as well as increase regulatory compliance.

## **Purpose-built for dependable results and step-away reliability**

Purpose-built automation delivers the same results every time with pre-packaged, single-use cartridges. Single-use cartridges reduce cross-contamination from on-site media and buffer packing.

## **Self-contained system reduces exposure—and risk**

Oceo Rover's unique design eliminates airborne particulates from onsite powder-prep suites, protecting lab technicians from associated health risks, and protecting the medium from variability.

# Unlock the operational potential of bioprocessing



## STREAMLINED EFFICIENCY

The simplified one-touch system takes less space, maintenance, and labor than traditional systems, allowing you to refocus your priorities.



## DRIVE PRODUCTIVITY WITH ONE TOUCH

The Intelligent recipe driven hydration system lets you load, set, and go.



## IMPROVE OPERATIONAL EFFICIENCIES

Streamlined processes optimize your media preparation, utilizing your resources in a highly flexible and efficient way to improve facility space allocation and capacity.



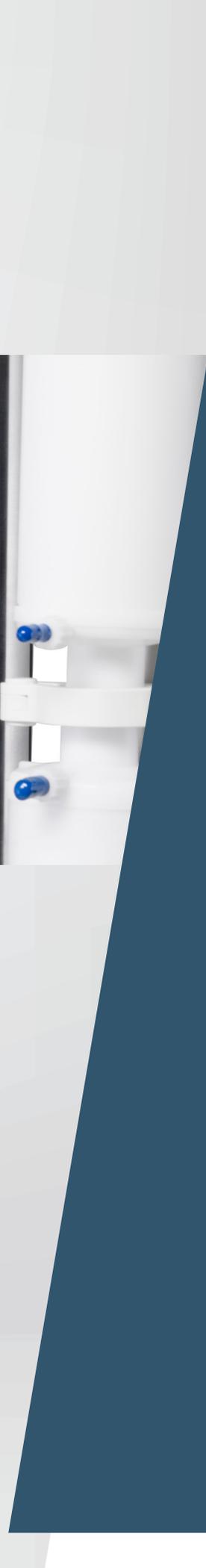
## CONTROL YOUR ENVIRONMENT

The closed loop system reduces airborne particulates from on-site powder prep suites, minimizing risk and variability.



## HYDRATION ON DEMAND

Use what you need, when you need it.



# Partnering with you for optimal results

Oceo Rover's custom media and media development teams partner with you every step of the way to streamline your media hydration protocols.

Our Process Development Group will work closely with you to analyze your application and identify optimal hydration protocols for your media needs—enabling you to optimize the bioprocessing workflows and increase efficiencies.

## *Expert partnership maximizes what you can do*

Custom media services include media development and optimization, media survey panel, and spent media analysis so you can do your best work.

## *Developing a proven automation protocol*

Our Process Development Group and Field Application Specialists will take you through the process workflow to identify your media formulation and to ensure that protocols are optimized for the closed loop system.

## *A collaboration built on trust*

Valuing your need for confidentiality, our support service team will safeguard your information through confidentiality agreements and technology transfer agreements.

# Transform how you hydrate

The Oceo Rover Hydration System is an enhanced hydration system for preparing media and buffers for bioprocessing use. An integrated system powered by automated programmable software, the Oceo Rover fully automates potentially complicated manual processes.

**LOAD** the prepacked cartridge onto the skid.

**SET** the pre-programmed hydration protocol.

**GO** Fully automated hydration allows for step-away operation.



Find out more about Oceo Rover  
[irvinesci.com/oceorover](http://irvinesci.com/oceorover)

Schedule a demonstration today.

**Oceo Rover**

by FUJIFILM Irvine Scientific

**IMAGINE MORE**

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