



Advancing human health through robotics in Life Sciences with the next generation of cell line automation...

RoboCell™



Modular

Standardized automation modules provide advanced tools for performing cell culture and biobanking activities.



Scalable

Modular design allows the RoboCell to expand with future technology, capacity and throughput needs.



Data Management

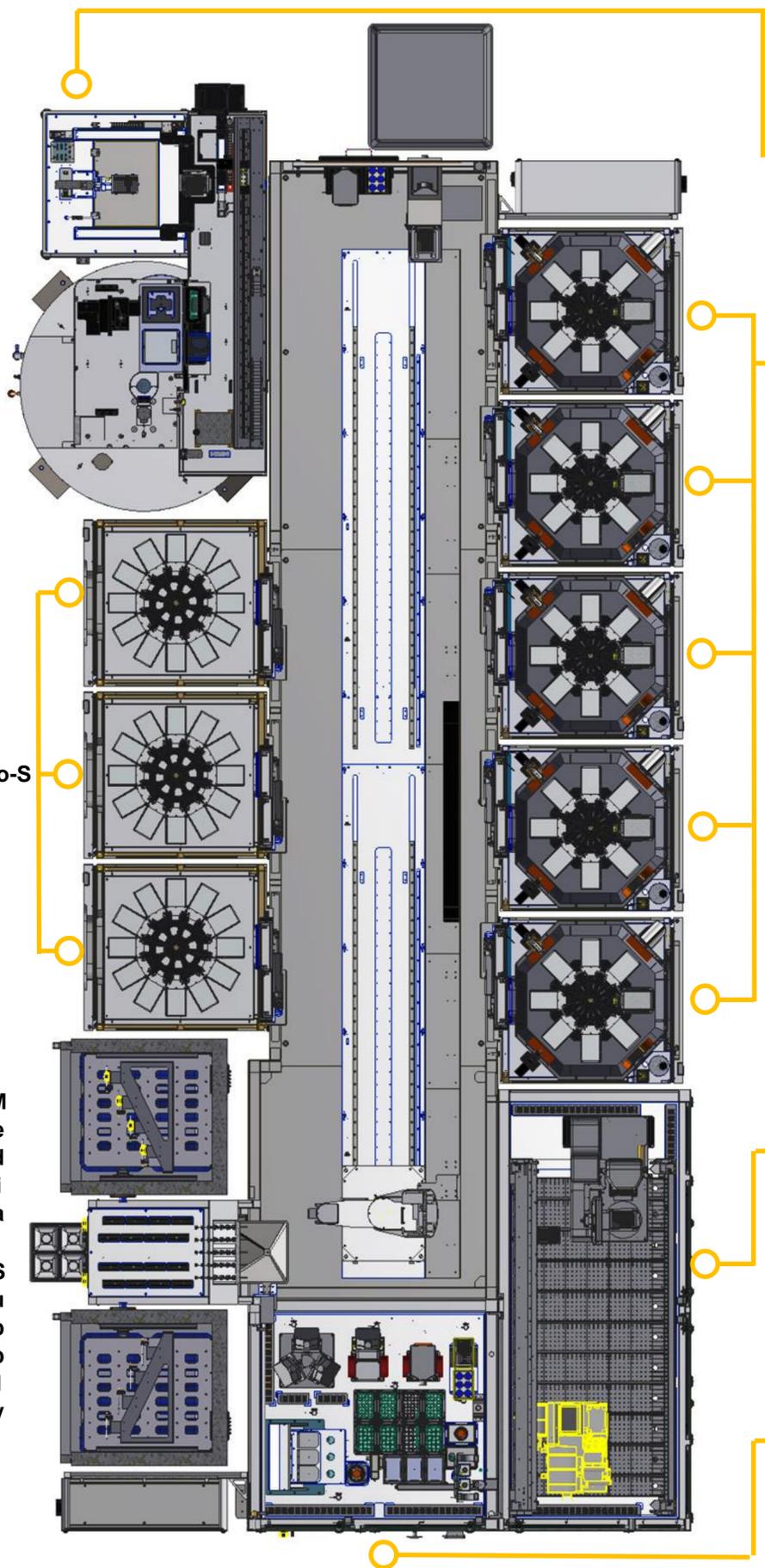
Celltrio BioFlow® software provides detailed traceability by logging real-time data from user actions, sample processing, system functions, time/date stamped images, and sensor data that can be exported or maintained in compliance with 21 CFR Part 11.



Safe and Clean

Celltrio Task Modules help eliminate the introduction of contamination via sealed enclosures, automatic cleaning routines and easy disassembly for autoclave or wipe down.

RoboCell™ (High Capacity/Throughput Model Shown Below)



Robostor® CVR

Liquid nitrogen (LN2) Controlled rate freezer, Vial handler, and Robotic sample storage & retrieval system.

Robo-I™ (Incubator)

Tflask and SBS-plate intelligent incubators. Removable racks, inventory management, active monitoring and alerts, and an octagonal chamber for precise temperature, humidity, and CO₂ control.

Robo-S™ (Storage)

Tflask, SBS-plate, conical tube, micropipette, and reservoir storage. Enclosed carousel, removable racks, touchscreen user interface, and inventory management.

Celltrio Media Supply

Media refrigerators maintain media in bags, or bottles at 4°C. Each media has its own peristaltic pump(s) and media line that can include an optional heater per media line to dispense each media at a preset temperature.

3rd Party Lab Equipment

RoboCell has numerous options for integrating 3rd party devices. Beckman Coulter ViCell BLU (cell counter) and Biomek i5/i7 (plate liquid handler), Thermo Scientific™ Multidrop™ Combi, Scinomix printers, and Agilent MultifiFlo FX, Vspin, and Cytation imagers are common options.

Robo-LH™ (Tflask Liquid Handler)

Cell maintenance, expansion, passage, and harvest via a gantry robot, serological ADP (air displacement pipettes), Tflask handlers, conical tube handler, Robo-C™ (centrifuge with optional cooling), confluency microscope, and optional Tflask label printer.

Celltrio BioFlow™ Software

Enables rapid integration featuring an intuitive interface, user friendly scheduler, audit trails and automatic error recovery.

Compatible with 3rd party scheduling software: Biosero's Green Button Go™ or Thermo Scientific™ Momentum™.

