



Celltrio is leading the world of lab automation through its **modular** integration of proven task modules, data management software, and robotics.
We are redefining the standards for science and medicine.



RoboReader™

Celltrio RoboReader™ automates cell imaging by combining a Celltrio Robo-I™ (incubator), an industrial grade Celltrio Robot, a 3rd party Cell Reader / Imager and industry leading Green Button Go™ scheduling software.

The modular design enables Celltrio's trademark of modular, scalable automation, providing ***The Fastest Path To Cell Line Automation***.



Flexible

- Celltrio Robots allow the layout to be adjusted to fit your space requirements
- Celltrio Incubators can mix and match various sizes of Microplates and Flasks
- 3rd party readers / imagers include Celigo, Cytation 5, Celena X, Vi-CELL Blu, and more



Scalable

- Celltrio's Task Modules provide a variety of options to expand your process automation now or in the future
- Celltrio Incubators allow you to choose the capacity that best fits your process
- Celltrio Robots have a variety of lengths, sizes and configurations



Data Management

- Green Button Go™ or SkyView C3® software for advanced scheduling, inventory management, system operation, and data logging for traceability
- Easy to create and modify workflows, run virtual simulations and timing tests without using instruments
- Scheduling can be Dynamic or Static, and monitored via remote access and data streaming

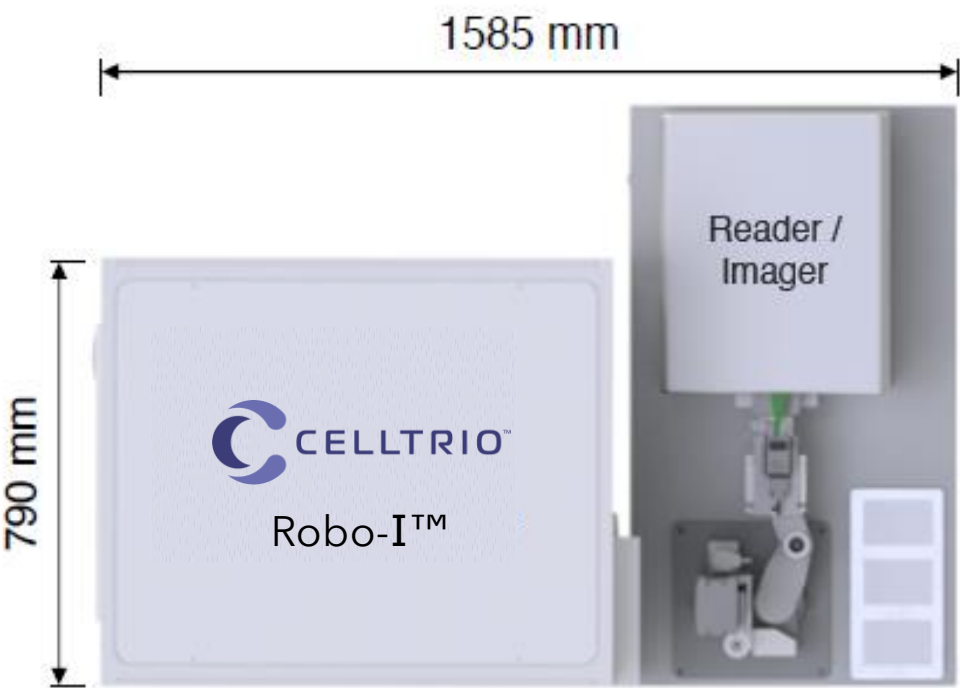


Reliable

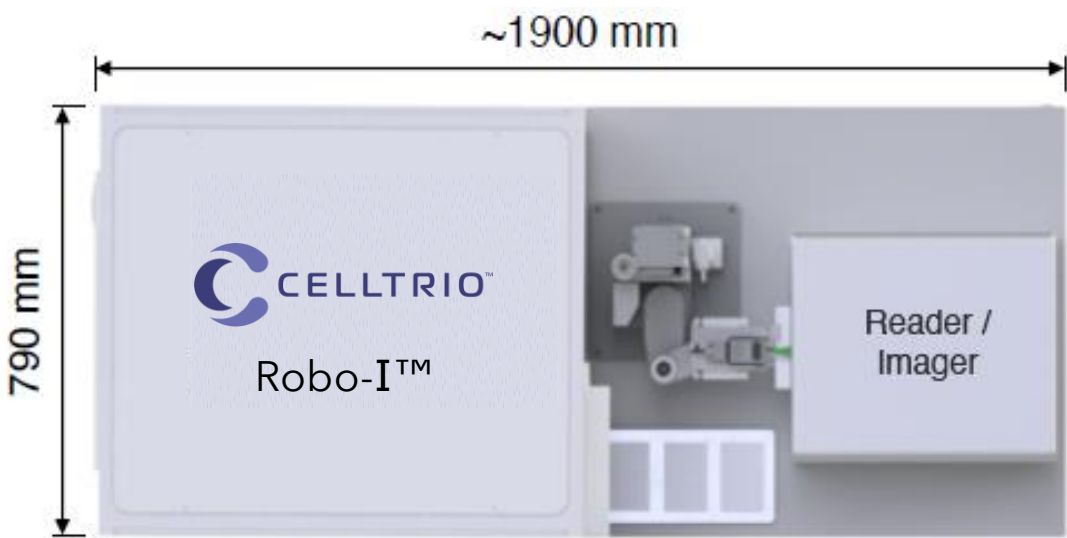
- Celltrio Incubators have precise temperature, humidity, and CO₂ control; and can be equipped with an optional 120°C cleaning cycle
- Celltrio Robots have multiple configurations with semiconductor-grade quality and reliability
- Real-time error recovery options avoid aborting a process, saving hours of work and consumables

The Fastest Path To Cell Line Automation

Flexible, Scalable Layouts



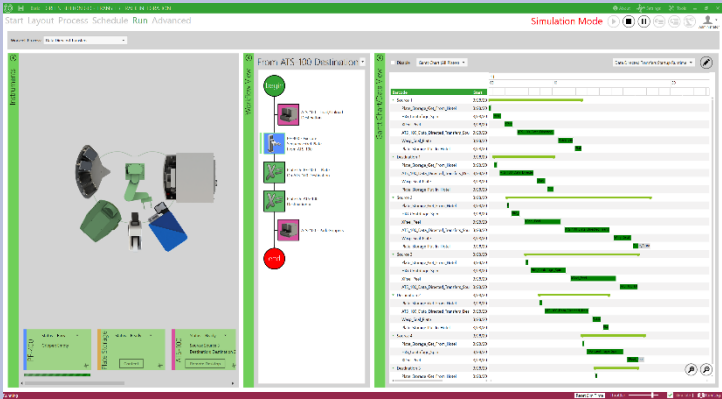
Example 1:
Optimize Space for Robot Efficiency



Example 2:
In-line for Benchtop or Under a Hood



Green Button Go™
Automation Scheduling Software



Software

System Integrates With
Your Choice of Cell
Reader / Imager:

- Celena X
- Celigo
- Cytation 5
- Vi-CELL Blu
- ...and More...

Celltrio Robo-I™ Specifications

Celltrio Robo-I™ (Incubator) Specifications			
Capacity	Labware	Robo-I	Robo-I Plus
	T25-flask	144 units	288 units
	T75-flask	100 units	200 units
	T175-flask	64 units	128 units
	SBS Multiwell Plate	150 units	300 units
	SBS Deepwell Plate (~2mL)	90 units	180 units
Loadable Labware	T-flask	T25, T75, T175	
	SBS Multiwell Plate	6, 12, 24, 96, 384, 1536 wells	
Temperature	Control Algorithm	PD	
	Range	(Ambient + 5) ~ 50°C	
	Accuracy / Uniformity	± 0.5°C	
Decontamination	(Optional) Heating 120°C, 3 hours		
CO ₂	Sensor Type	Dual NDIR	
	Range	0 ~ 20%	
	Accuracy	± 0.5%	
Humidity	Method	Passive or Active	
	Range	80 ~ 98%	
	Accuracy	± 5%	
Access Time	Sample Access Time < 10 sec		
Data Track Size	504 hours (3 weeks)		

Robo-I™

