



ACell



Benchtop Automation

ACell™

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HighRes' ACell is small and safe enough for the bench top, yet flexible enough to integrate with any of HighRes' world class storage devices, and easy enough to install and teach quickly. And ACell is powered by Cellario™, the premier lab automation scheduler.

Safe

ACell runs on your benchtop safely because it disables motor power when it encounters an obstacle. There's no need for safety shields, which keeps your equipment more accessible and minimizes footprint of the overall system.

Flexible

ACell is small enough for typical benchtop integrations, and flexible enough for larger integrations on existing or new custom tables. You can even add a MicroDock, HighRes' patented device docking station, allowing you to swap out instruments (like a reader) almost instantly, without having to reteach the robot or position and reconnect instruments.

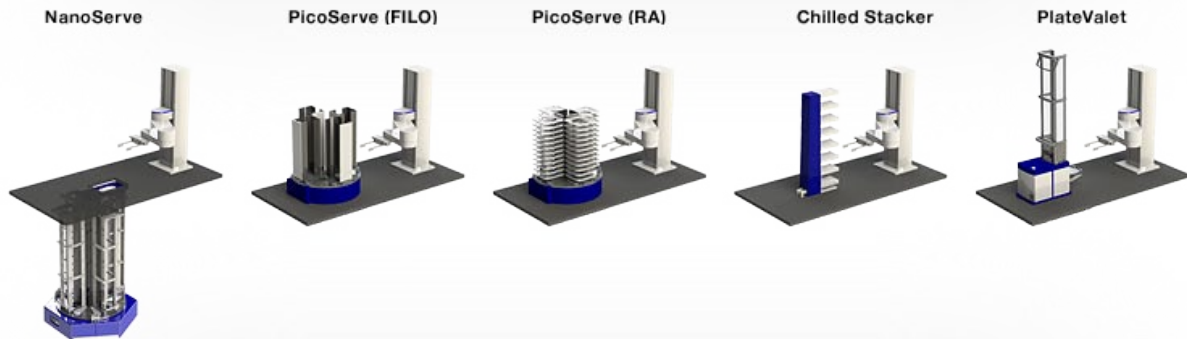
Easy

ACell is quick and easy to install and integrate. Fast delivery. Quick system setup using HighRes' smart, modular tile-based device mounting system. Floating-robot teach mode, in which you guide the robot by hand into its key positions and teach points at the touch of a button. Cellario, the most intuitive and powerful software available. All these get your automation up and running quickly and without headaches. And HighRes' great customer service is always there to help you every step of the way (if you even need it).



HighRes Storage

It's easy to integrate any of HighRes' high-density, highly-reliable storage devices:



- PlateValet Plate Stacker
- MicroServe or NanoServe Non-Random Access Labware Carousels
- PicoServe and PicoServe RA Small Labware Carousels
- AmbiStore Random Access Carousel
- SteriStore Self-Sterilizing Automated Incubator
- TundraStore Automated Cold Store
- Temperature-Controlled Plate Hotel



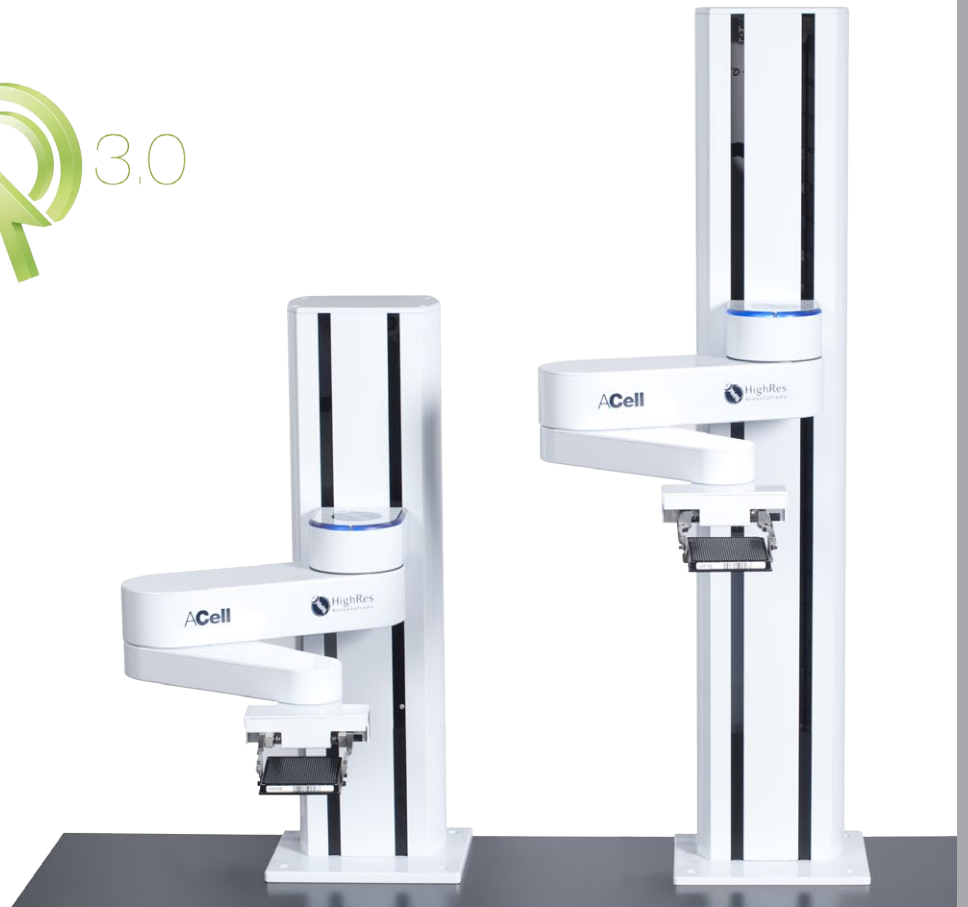
Best-in-Class Software

Run it all with Cellario, the most powerful and flexible scheduling software available. The software has been optimized so that virtually any lab technician is able to run the most complicated process, simply and reproducibly.

Key Features:

- Safely run on the benchtop without system guarding
- High-end robot allows for reliable picking and placing of labware
- Floating-robot teach mode
- Cellario scheduling software with full error recovery and over 100 device drivers
- Standard system setup for extremely fast project turnaround
- Easy integration with any of HighRes' storage devices

Specifications:	ACell 44	ACell 47	ACell 77
Work Envelope	R (horizontal reach): 400 mm Z (vertical reach): 400 mm	R (horizontal reach): 400 mm Z (vertical reach): 750 mm	R (horizontal reach): 750 mm Z (vertical reach): 750 mm
Precision	±0.2 mm	±0.2 mm	±0.2 mm
Payload	0.5 kg	0.5 kg	0.5 kg
Power	120/240VAC, 50/60Hz	120/240VAC, 50/60Hz	120/240VAC, 50/60Hz
Communications	Ethernet	Ethernet	Ethernet





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Modularity. It's in Our DNA.