

PRECISION MEETS HIGH THROUGHPUT

CELLEN ONE HT

The true-walk away solution for efficient, automated and high throughput single cell dispensing

cellenONE HT allows to scale up single cell assays in fully integrated workcells. It features automated sample management and cleaning, plate shuttle and API integration, fast startup, with still gentle image-based dispensing for monoclonality assurance and up to 100% single cell accuracy like all cellenONE single cell dispensers.



Single cell isolation



Precision liquid dispensing



Open API



Brightfield and/or
Fluorescence



Image recording of
every isolated cell



Easy scale-up



**Scan to experience
next-level automation**
available as a custom
solution tailored to
your needs.



CORE BENEFITS



Field-tested performance -
Demonstrated in customer environments to increase throughput while reducing operator load.



Flexible system integration -
Seamless compatibility with automation platforms like Biosero's Green Button Go™ as well as any other scheduler.



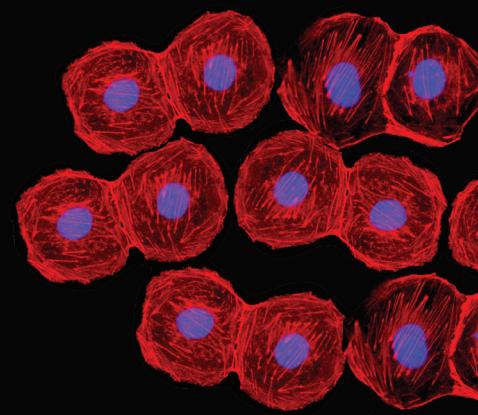
Multi-sample, multi-target flexibility -
Aspirate-and-dispense mechanism, enabling complex experimental designs.



Expert workflow onboarding -
Dedicated support from a specialized scientist team, who tailors the setup to your workflow and application needs.



Preserved cellenONE foundation - Image-based (bright field and fluorescence) single-cell isolation combined with precision liquid dispensing.



APPLICATIONS



GENE EDITING



MONOCLONAL ANTIBODY DISCOVERY



STEM CELL REPROGRAMMING



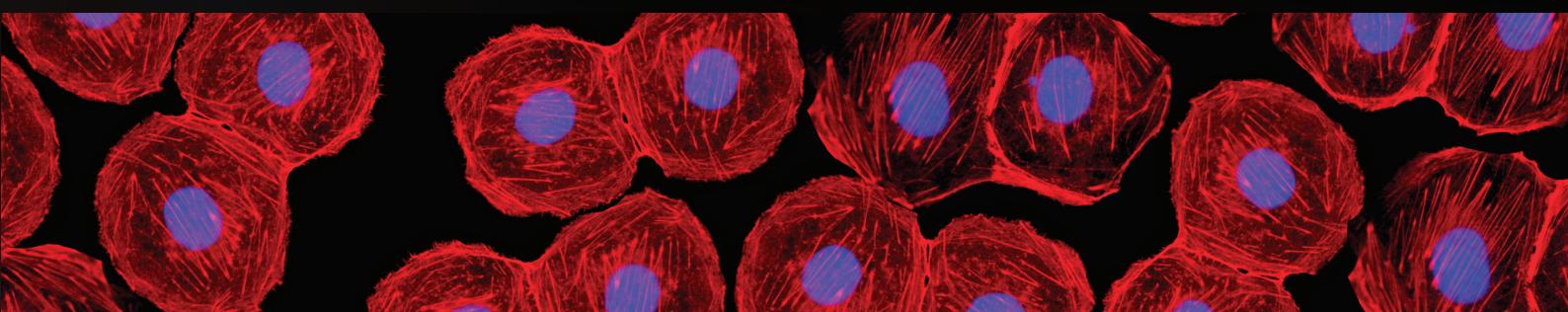
MICROBIOLOGY



SYNTHETIC BIOLOGY



SINGLE CELL OMICS



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