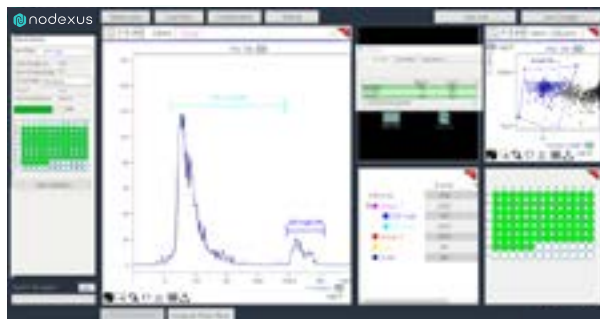
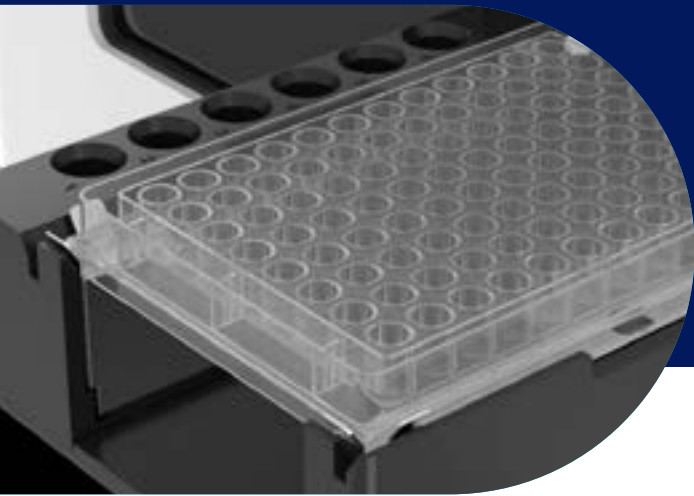


# Flexible Affordable Single-Cell Sorting ...and Dispensing!



The NX One analyzes, sorts, and isolates live cells into tubes or microtiter plates in an integrated, easy to-use manner. It offers microfluidic isolation for walk-up usability by untrained users and provides unprecedented affordability for individual labs and Cores.



## Faster results with walk-up usability

No tuning, no alignment, and no drop delay needed. All-in-one instrument is easy to operate by any untrained user. Under 10 min for a 96-well plate sort - including all setup and clean up.



## Universal accessibility

Never-before-seen pricing allows for deployment beyond the centralized facility for any individual lab benchtop/hood.



## Contamination-free with minimal waste

Fluidic design and disposable cartridges eliminate contamination and aerosol concerns. The system comfortably fits in a tissue culture hood.



## High viability microfluidic sorting

Low-shear maximizes cell survival. Non-target cells stay in the cartridge for secondary processing or easy disposal.



## Versatile output formats

Universal cartridge nozzle delivers cells to tubes or microtiter plates (up to 384 wells) without any external attachments.



## Sample flexibility

Can process heterogeneous or homogeneous samples of volumes up to 3 mL.



## Multi-parameter profiling

Integrates scatter and 3 fluorescence channels with a 488nm laser for all your routine workflows.



## Intuitive software

Friendly interface enables setup in < 1 min. Users can monitor runs wirelessly or via system screen.



Single-Cell  
Dispense

e.g. single cell  
dispensing for cell  
line development



Bulk Sort

e.g. selection of  
GFP+ population for  
CRISPR workflows



Plate Sort

e.g. quickly enrich  
target populations into  
standard, medium, or  
deep well plates



Liquid  
Dispense

e.g. dispensing of  
reagents/media for  
sample prep and  
processing

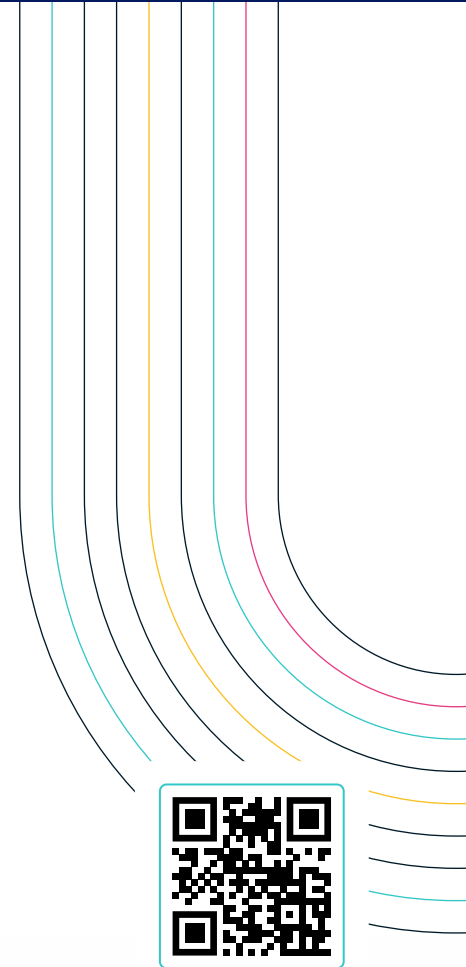


Analyze

e.g. phenotype  
characterization of  
antibody stained cells

## 20X lower pressure than FACS for the gentlest sorting and dispensing

<b>Calibration</b>	Zero alignment or drop delay
<b>96-well Plate Run Time</b>	From setup to clean up in under 10 minutes
<b>Size</b>	Fits any standard hood or benchtop. 26" (L) x 15" (W) x 13" (H)
<b>Pressure</b>	Below 2 PSI
<b>Excitation &amp; Emission</b>	Single 488nm laser Scatter and three colors: 500-550nm (FITC, GFP, AF488), 550-600nm (PE), 600-800nm (PE-Cy5, PerCP, PE-Cy5,5, PE-Cy7, StarBright Blue 700)
<b>Modes of Operation</b>	Single-cell dispensing, plate sort, bulk sort, cell analysis, liquid dispensing
<b>Flexible Sort Outputs</b>	Standard plates up to 384 wells, medium- and deep-well plates up to 96 wells, 2 mL microcentrifuge tubes
<b>Analysis Rate</b>	5,000 events/second



Radically lower the number of plates needed for downstream workflows to reduce your total costs and time.

