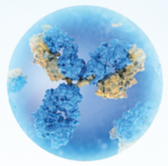
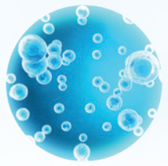


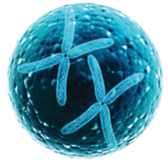
Monoclonal Antibody

Synthetic Biology

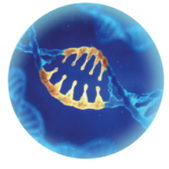


Cell Line Development

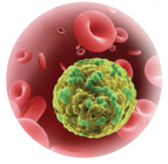
Applications



Single Cell Genomics



CRISPR



Rare Cell Isolation

Namocell
The Fastest Way to a Single Cell

2483 Old Middlefield Way, Suite 203
Mountain View, CA 94043

☎ 650-386-6878 ✉ info@namocell.com

www.namocell.com

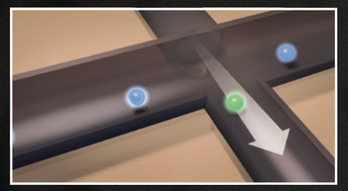
Meet Namo™

Namocell
The Fastest Way to a Single Cell

Namo™ Single Cell Dispenser

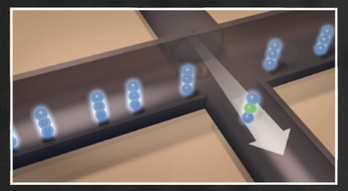
Namo is a fluorescence-based microfluidic system that enables sorting and dispensing at your own benchtop. **Two modes, single sorting mode and bulk sorting mode,** are fast and easy to use with cell-friendly handling. Single sorting mode dispenses single cells per well. Bulk sorting mode results in an enrichment of a rare(<1%) cell population from a high density sample.

Two Modes



Single Sorting Mode

- 96-well plate in less than 1 min
- 384-well plate in less than 3 min



Bulk Sorting Mode

- Sort 100M cells in 5 min
- Fastest sorting speed of 300,000 cells/s

Namo Specifications

Laser Wavelength:	488 nm	**Detection Channels:**	FL1-533 nm (FITC/GFP) FL2-585 nm (PE/PI) FL3-676 nm (PerCP, optional)

Sorting Pressure:	2 psi	**Input Sample Density:**	100 – 1B cells/mL
Sorting Speed:	10 – 300,000 cells/s	**Input Sample Volume:**	100 – 750 µL
Dispensing Volume:	1 µL	**Minimum Sample Input:**	100 cells
Dispensing Format:	96- or 384- well plate	**Initialization Time:**	2 min
Dimensions: **Weight:**	19 in x 14 in x 8 in 22 lbs	**Sheath Consumption:**	15 mL/hr

Advantages

Fast

- Single cell dispensing in 1 min/96-well plate, and 3 min/384-well plate
- Bulk sort 100M cells in 5 min
- 2 min system initialization

Easy

- Software-assisted prompts ensure foolproof operation
- Automated initialization and shutdown routines
- Zero maintenance

Flexible

- 100 cells minimal input
- Sample density can range from 100 cells/mL to 1B cells/mL

Compact

- Benchtop, lightweight
- Fit in tissue culture hood

Affordable

- Low cost of total ownership

Gentle

- Low pressure ensures cell viability and integrity

Disposable Cell Cartridge

High Cell Viability

Namo's low running pressure (2 psi vs 20 – 70 psi of FACS) preserves cell viability and phenotype.

Near-zero Dead Volume

Direct route of sample from cell cartridge to plate enables conservative, near-zero dead volume.

No Sample Carryover

Disposable cell cartridge prevents cross-contamination between samples.

Safe - No Aerosol Formation

1 µL droplet prevents aerosol formation.