

Namo

Single Cell Dispenser



Namocell

It's Never Been So Simple!

Namo Single Cell Dispenser

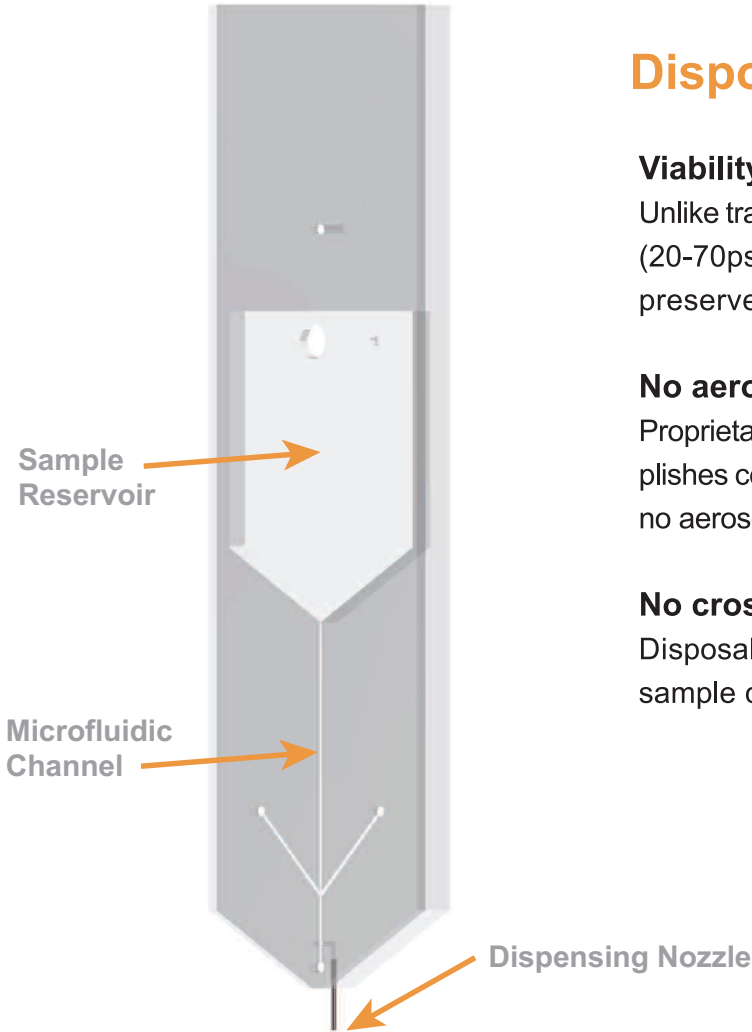
The Namocell Single Cell Dispenser makes single cell isolation and sorting effortless. This benchtop device uses proprietary microfluidic technology to sort and dispense single cells directly into 96-well or 384-well plate. It simplifies and empowers a number of single cell applications, including cell line development, phage display, hybridoma selection, antibody engineering, CRISPR selection, cancer immunotherapy, circulating tumor cells (CTCs) and circulating fetal cells. It is affordable, user-friendly, and requires almost no training to operate.

Laser wavelength: 488nm
Detection channels: 1. Side scattering
2. FL1 533 nm
(e.g., FITC/GFP)
3. FL2 585 nm
(e.g., PE/PI)
Sorting pressure: 2psi
Dispensing volume: 1ul
Dispensing format: 96-well or 384-well plate
Sample volume: 50-700ul



- GENTLE.** Low running pressure preserves cell viability and phenotypes
- EFFICIENT.** Dispenses into 96-well plate in less than a minute
- VERSATILE.** Sorts with cell density ranging from 100 cells/ml to 80M cells/ml
- STERILE.** Disposable cartridges prevent cross-contamination
- EFFORTLESS.** Easy to use; low maintenance
- COMPACT.** Lightweight; fits in tissue culture hood

Disposable Sorting Cartridge



Viability.

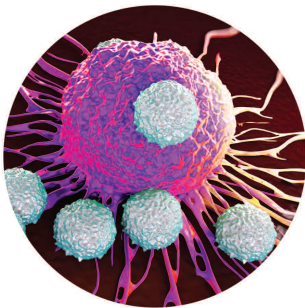
Unlike traditional cell sorters that run at high pressure (20-70psi), Namo's low running pressure (2psi) preserves cell viability and phenotypes.

No aerosol formation.

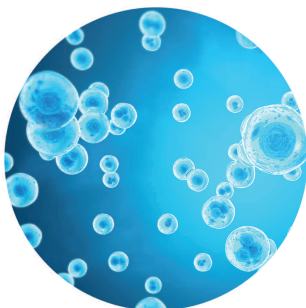
Proprietary microfluidic channel configuration accomplishes cell sorting and dispensing in a single step, so no aerosol particle will form during sorting.

No cross-contamination.

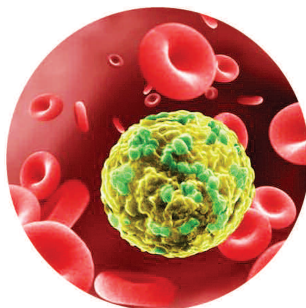
Disposable sorting cartridge prevents sample-to-sample cross-contamination.



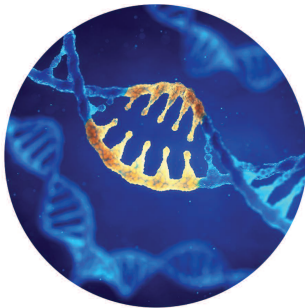
Cancer Immunotherapy



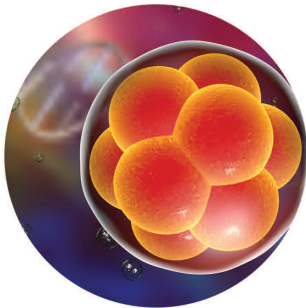
Cell Line Development



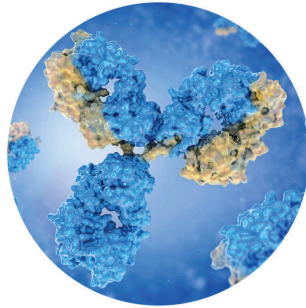
CTC



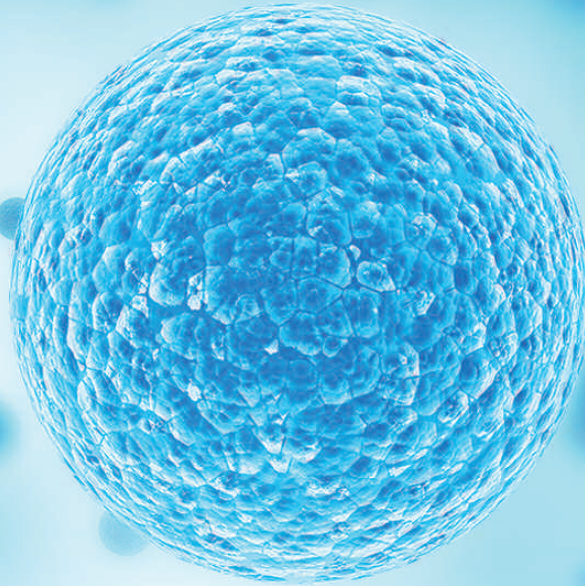
CRISPR



Fetal Cell



Monoclonal Antibody



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