CYTENA BPS
A BICO COMPANY

C.BIRD™

Revolutionizing Cell Culture

Next Generation High-throughput Single-use Microbioreactor

Optimize cell culture environments in 96-/24-well plates with the C.BIRD

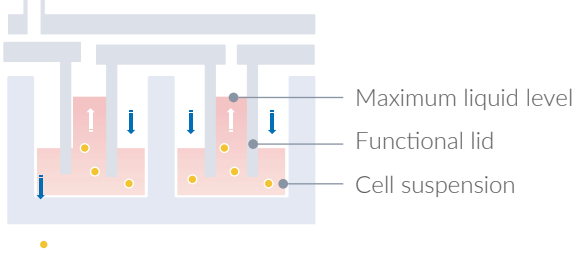
Increase oxygen transfer rate (OTR) for both adherent cells and suspension cells

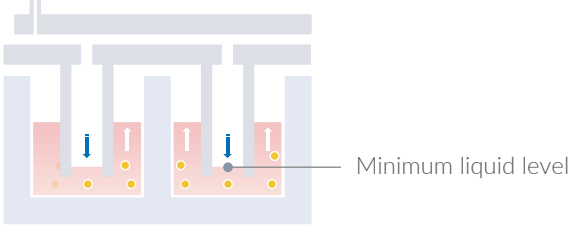
Bring cells into suspension culture (only for suspension cells)

Continuous mixing for homogenous media composition

Low shear rate mixing to reduce stress on cell lines

C.BIRD Mixing Principle





The C.BIRD is an innovative solution for the technical challenges of mixing in 96-/24-well plates, among other benefits.

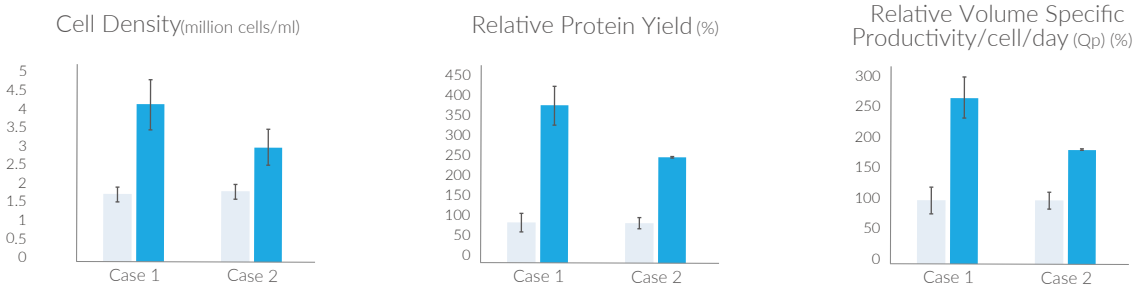
Higher cell density, protein yield, productivity

More compatible with advanced cell culture (e.g. spheroid culture, cell therapy)

Prevents hypoxic cell cultivation condition

Shortens cell line development process

Comparing results of cell culture in c.bird vs. static



static c.bird Cell line: CHO-K1; Recombinant protein: aHER2

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