



c.bird™

Revolution of Cell Culture

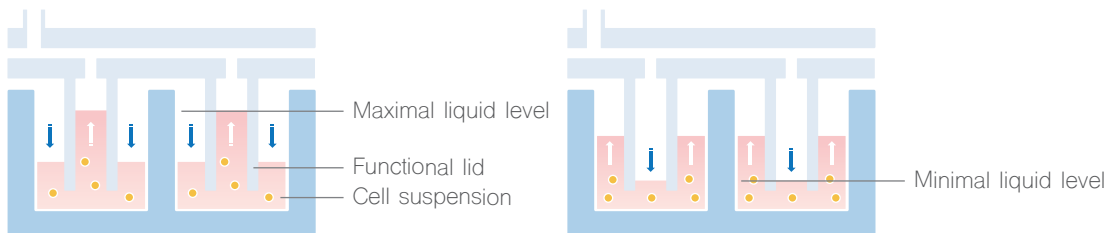
Next Generation High-throughput Single-use Microbioreactor



Optimize cell culture environments in 96/24-well plates with 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

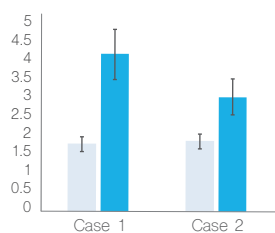




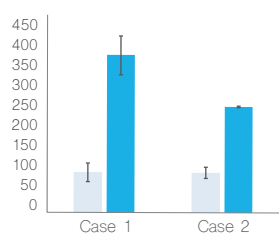
The importance of mixing in 96/24 well plates has been technically challenging in the past. Now c.bird™ provides a solution with plenty of benefits.

- Higher cell density, protein yield, productivity
- Shorten cell line development process
- Prevent hypoxic cell cultivation condition
- More compatible with advanced cell culture (e.g. spheroid culture, cell therapy)

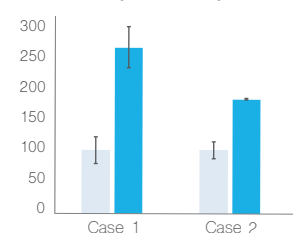
Cell Density (million cells/ml)



Relative Protein Yield (%)



Relative Volume Specific Productivity/cell/day (Qp) (%)



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