

**Contact us for
a demonstration.**

Find out how the CellMaker can
improve your phage amplification
process by booking a demo in
your own lab.

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**Revolutionary
Biotechnology**

Our products are available worldwide.
www.cellexus.com



The ideal solution to improve your
bacteriophage amplification process.

Combining innovative airlift and single-use technology

Pioneers of Biotech

We pioneer revolutionary, market leading single-use airlift bioreactor systems and technology.

The patented CellMaker system delivers a unique way of aerating and mixing your process using airlift technology.

We offer a solution that is easy to use, fast and scalable.

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Airlift Technology

Our innovative airlift technology allows for optimal mixing and gas exchange, culturing cells more efficiently.

- No mechanical moving parts
- Low shear stress
- Self-contained stirring system
- Use any type of gas throughout your run

Single-use System

With our disposable Bioreactor Bags you can use one system to produce a range of cell types without contamination.

- Low contamination risk
- No cross-contamination risk

Low Footprint

Our 8L Enclosure fits on a standard benchtop, while our 50L Enclosure has wheels for easy transport around the lab.

- Self-contained unit
- Compact and easy to move
- Integrated Peltier heater-cooler
- No external thermoregulation unit required
- Full system uses just 2 standard power sockets

Rapid Results

- No reactor autoclaving or cleaning required
- Quick set-up, fast turnaround and minimal downtime

The CellMaker range of single-use disposable bioreactors are designed to speed up, simplify and increase bacteriophage amplification.

The CellMaker has successfully produced high titres of phages from *E. coli*, *Salmonella*, *Listeria*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Yersinia ruckeri*.

CellMaker Controller

Allows manual or automatic control of the bioprocess.

Choose from a Regular Controller, a Dual Regular Controller or a Plus Controller to monitor and control pH and DO.

CellMaker Enclosure

Available in two sizes:

8 Litre for working volumes of 3L to 8L

50 Litre for working volumes of 10L to 50L

CellMaker Bioreactor Bag

Single-use Bioreactor Bags are easily replaced within minutes for a fast turnaround.

