



# Revolutionary Biotechnology



Pioneering revolutionary, market-leading single-use  
airlift bioreactor systems and technology



# Combining innovative airlift and single-use technology

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## 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 bioprocess using cutting-edge 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
- Efficient mixing with no dead zones
- Use any type of gas throughout your run

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## Low Footprint

Our 8L Enclosure fits on a standard benchtop, while our 50L Enclosure has wheels for easy transportation 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

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## Rental options now available

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**Contact us for a demonstration**

[www.cellexus.com](http://www.cellexus.com)

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## 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
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## Rapid Results

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

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## The **CellMaker** range of single-use airlift bioreactors are designed to speed up and simplify cell culture and fermentation processes

The CellMaker has been proven successful with:

- Bacteriophage
- *E. coli* and other bacteria
- Mammalian cells
- Antibody production

### **CellMaker Controller**

Allows manual or automatic control of the bioprocess. Choose from a Regular, or a Dual Regular, Controller for simple bioprocess, or a Low Flow Controller or Plus Controller to monitor and control pH and DO.

### **CellMaker Enclosure**

Available in two sizes:

- 8 Litre** for working volumes of 1.5L to 8L
- 50 Litre** for working volumes of 10L to 50L

### **CellMaker Bioreactor Bag**

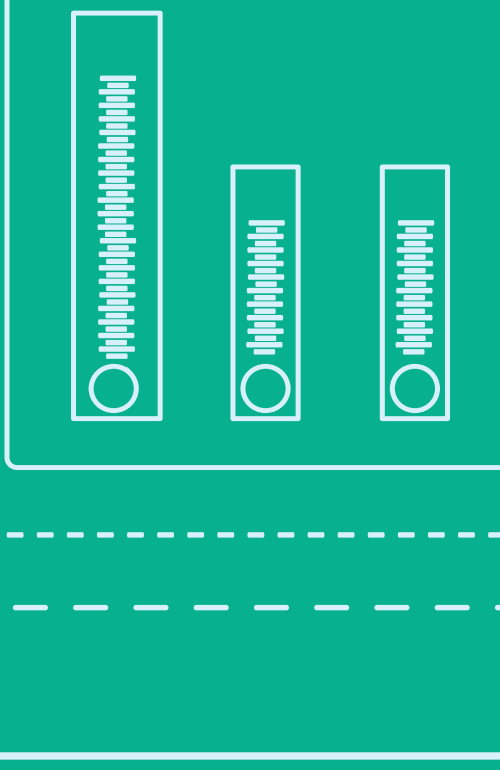
Single-use Bioreactor Bags are easily replaced within minutes for a fast turnaround.



## Contact us for a demonstration

Find out how the CellMaker can improve the efficiency of your cell culture, microbial fermentation and phage amplification processes by booking a demo in your own lab.

+44 (0) 1382 666357  
enquiries@cellexus.com



**Our products are available worldwide**  
[www.cellexus.com](http://www.cellexus.com)

