

Cultivate it
yourself

ciyou

AIRLIFT BIOREACTOR

Biorea's patented technology is available for your laboratory.

Enjoy the optimal **Airlift agitation** to cultivate your micro-organisms: microalgae, bacteria, yeast, plant cells, choice is yours.

Batch, fed batch, continuous fermentation, autotrophy, heterotrophy or mixotrophy: several modes of culture.

A **robust design** and an easy disassembly, the **ciyou** is fully **autoclavable**.



Choose the **ciyou** and operate up to 4 vessels to **speed up your experiments**, your culture conditions, optimize your media and boost your strain screening.

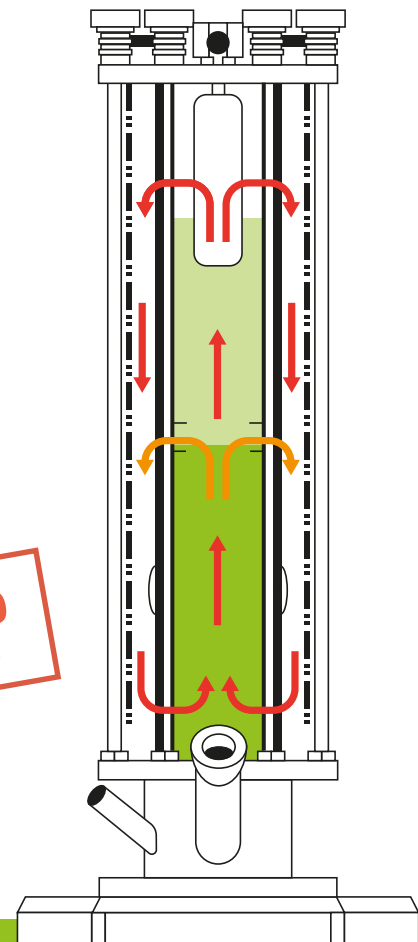
Affordable and user-friendly.

Get your own **ciyou** !



**PATENTED
PROCESS**

-  Air/liquid movement with optimal level
-  Air/liquid movement after drop in level and opened fins



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22400 Lamballe - France

CARACTERISTICS

Touch screen control station

With 8 peristaltic pumps

+ Monitor T C, pH and pumps parameters

4 bioreactors inox 316L

Borosilicate (3,2L capacity , 4L total)

+ Fully sterilizable & autoclavable

+ Robust design

Patented Bioréa Airlift system

+ Low shearing force

+ Batch, Fed batch, continuous fermentation

Temperature and pH reading and monitoring

+ Heating up to 45°C

+ Automated acid/base regulation

+ Real-time data display

+ Data export on Excel

7 connections for :

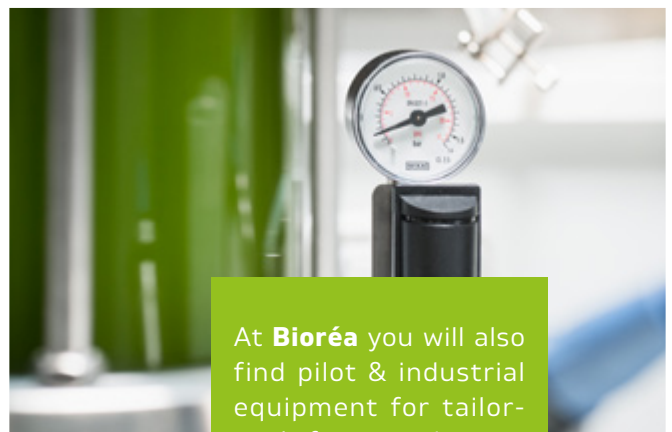
+ Gas input/ouput, sampling and feeding

Gas flow

+ Manometer , flowmeter , 2 filters 0,2µm

OPTIONS

Dissolved oxygen measurement



At **Bioréa** you will also find pilot & industrial equipment for tailor-made fermentation

