

Cultivate it
yourself

Bioréa presents

ciyou

A BENCHTOP BIOREACTOR

Biorea's patented technology is available for your R&D lab.

ciYOU benefits from **optimal air lift oxygenation**, regardless of the fluid level, which makes it possible to reach **cell concentrations** well above average.

Batch, fed batch or continuous fermentation, autotrophy, heterotrophy or mixotrophy: it's up to you.

It is fully autoclavable for **sterile culture** and it does not have stirring motor, thus limiting the risk of contamination.

You will be able to program and manage up to 4 4 L bioreactors in order to **speed up your R&D projects**.



Robust construction & easy to disassemble for minimal maintenance.

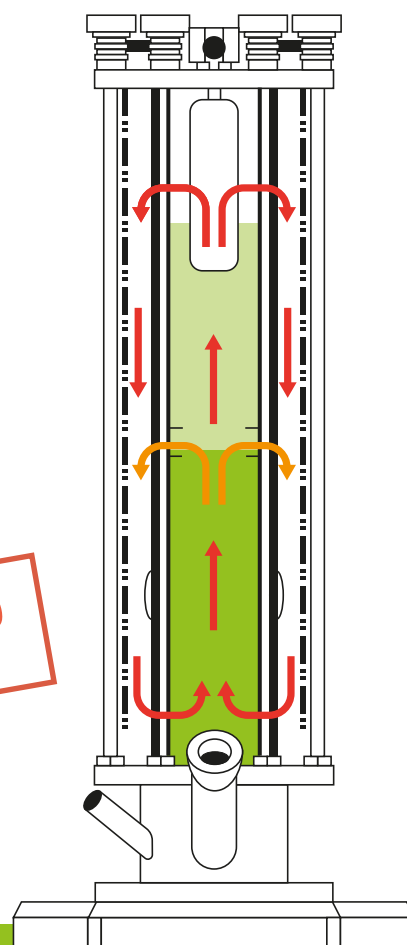
Very **affordable** and fast to install, it will easily find its place in your laboratory.

Contact us to discover more features and available options.



**PATENTED
PROCESS**

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



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CARACTERISTICS

Touch screen control station

With 4 peristaltic pumps

+ Monitor T C, pH and pumps parameters

4 bioreactors Fermentor inox 316

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

+ Fully sterilizable & autoclavable

+ Robust design

Patented Biorea Airlift system

+ No shearing force

+ Whatever bioreactor level

Temperature monitoring and heater

+ up to 45°C

pH monitoring and regulation

+ With peristaltic pumps

7 connections for :

+ air circulation, sampling and medium addition.

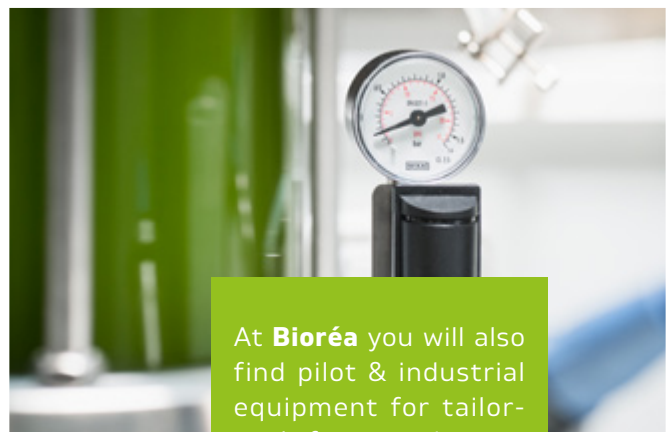
Sterile air monitoring enclosed :

+ Intake , outlet manometer , debimeter , 2 filters 0,2µm

OPTIONS

O₂ Control

More options under development



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

