

## Qualification

**When producing in a regulated sector, it is not enough to have functioning equipment and a process that conforms to specifications.**

Compliance with such regulatory requirements (cGMP) must be demonstrated through a qualification and validation process that involves different activities:

- \_ Consultation and support in the definition of requirements.
- \_ Provision of the necessary documentary evidence.
- \_ Conformance testing of equipment and processes to standards and/or customer specifications.

## Why Bionet?

### Sound Engineering

We have extensive experience in the engineering of industrial bioprocess equipment. Based on this, we work with "technology building blocks" which are validated engineering designs and components that combined produce a bioprocess system. When designing an industrial system, we will combine them to produce a solution that fits your process needs and is reliable.



### Unparallel Customer support

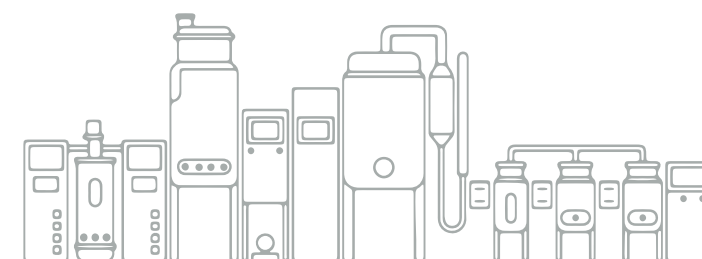
We understand very well the responsibility of providing a system for industrial production and the support that 24/7 operations need. To meet these needs, we have created unparalleled customer service based on a well-trained support team, IT capabilities and an extensive stock of spare parts close to our customers.

# Why Bionet?

A consolidated, configurable, scalable and integrated technological environment

A support team specialized in bioprocesses to help you from R&D to production

A partner for your entire project lifecycle, from initial technology configuration to after-sales



Printed on recycled paper. February 2024



**bionet®**

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**From  
Lab  
to  
Industrial**



**bionet®**

**Multiuse and  
Single-Use  
Industrial  
Bioprocess  
Equipment**






# Multiuse and Single-Use Industrial Bioprocess Equipment adapted to your process

When you leave the lab and design your industrial bioreactor you have to solve numerous challenges. These may be mass transfer, complex or multiple additions, space constraints, budget, regulatory specifications or others. Bionet's integration under one roof (literally) of bioprocess development services, product development, engineering, quality control and manufacturing gives our design unique access to the holistic knowledge of bioprocessing needed to deliver the special solution your project requires.

### FS INDUSTRIAL BIOREACTORS

FS are Bionet special models are Bioreactors engineered and built to measure, when working volumes are bigger than 200 l or for specific needs which demand a special design at any scale.





The CT-150 is our **single-use 2D rocking bioreactor** for small industrial production and inoculation of large stainless-steel bioreactors.

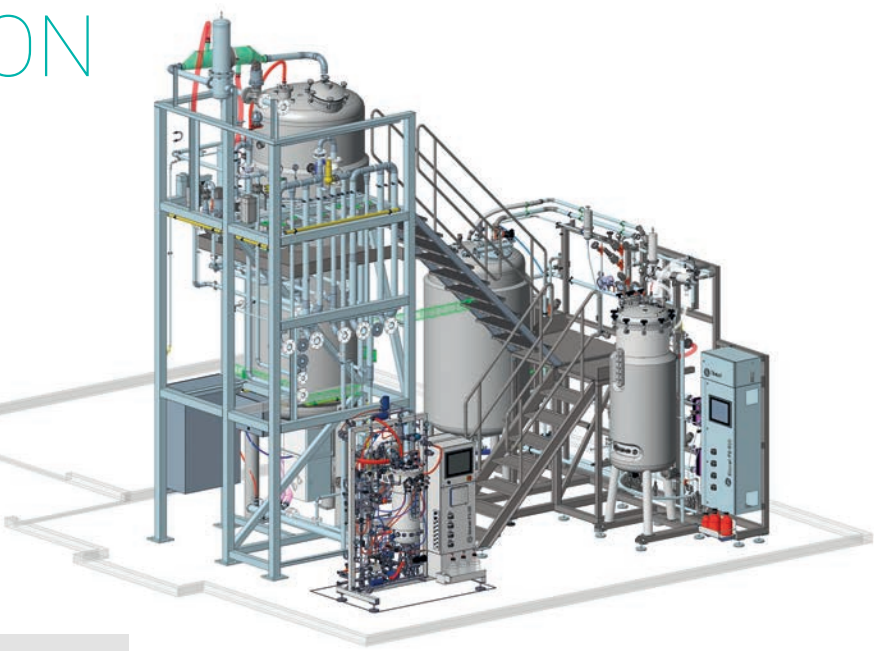
### MS INDUSTRIAL TFF

MS are Bionet special **Tangential (cross) Flow Filtration systems**, engineered and built to measure, when there is a need which demands a special design, or scale is bigger than what our lab and pilot model provides



# BIOPRODUCTION INDUSTRIAL SUITES

In addition to stand-alone equipment, we offer complete integrated bioproduction lines. These can incorporate media preparation, bioreactors, downstream tanks, tangential flow filtration and other supplier systems.



### INDUSTRIAL BIOPROCESS AUTOMATION

**Bionet supplies automation solutions for bioprocess**

Thanks to an extensive experience and proven development method Bionet produces integrated automation solutions for industrial skids and production lines. These can be designed and qualified according to cGMP guidelines; including compliance with CFR 21 p 11.

