# **eProd** bioreactor

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# tangential flow filtration

# Multi use

Vessels

## Single use

Vessels

#### Cassette **Hollow Fiber**

Filter configurations

### 445x619x512

Size in cm

#### 300x480x300

Size in cm

#### 302x284x135

Size in cm

#### 100 to 4000

Volumes (L)

### 300 · 1000 Volumes (L)

#### 500

Volume (L)

#### Stainless Steel

Housing Material

# Stainless steel

Housing Material

### Stainless steel

Housing/Vessel Material

### **Jacketed**

Vessel

#### **Jacketed**

Vessel

#### Versatile holder accommodating

Range of filter options

#### eSCADA Advanced

Software

#### eSCADA Advanced

Software

#### eSCADA Advanced

Software

#### 2x Variable Speed 2x Fixed Speed

Peristaltic pumps

**Top Mounted** 

#### 4x Variable Speed

Peristaltic Pumps

#### 2x Peristaltic Pumps

#### Diafiltration / Permeate Control

#### **Bottom Mounted**

Motor

Moter

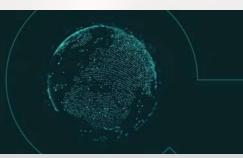
### x1 Recirculation (Twin Screw) x1 For CIP (Centrifugal)

Double Pumping System

# Global reach, local support

Our global distributor network is ready to provide specialized products and support in your region. Please contact your local distributor to work with TECNIC

sales@tecnic.eu







# eProd Production Scale Solutions

Optimizing bioprocessing outcomes with innovative engineering and precise regulation for large scale productions.



**C** TECNIC

# STR eProd BR

Microbial / Cellular · 100 to 4000 L

Our production stainless steel bioreactors ensures efficient microbial and cell culture production, featuring advanced eSCADA control for precise monitoring and optimal growth conditions.



## STR Single Use eProd STR SU

Dual Purpose · 300 to 1000 L

Engineered for microbial and cell cultures, ensures precise temperature regulation, efficient mixing, and advanced instrumentation, delivering optimal performance and highly controlled sterile processes using our single use eBAG.



#### eProd TFF

Hollow Fiber / Cassette · Up to 65 m<sup>2</sup> of surface area

Efficient industrial filtration with advanced control systems, customizable filter configurations, and full compliance with GMP guidelines, ensuring optimal performance and reliability. Enables precise and automated diafiltration and concentration for optimized purification processes.









# **Optimized Production ePlus** TECNIC's production equipment integrates seamlessly with our ePlus systems, creating media preparation a streamlined ecosystem for efficient bioprocessing. Automated system for precise media and buffer eProd bioreactor single use formulation, featuring a main vessel with agitation eProd bioreactor and temperature control, and additional vessels for accurate component addition. Single-use bioreactor designed for both High-performance stainless steel **ePlus** ePlus buffer cellular and microbial cultures, eliminating bioreactor for large-scale microbial the need for re-sterilization and reducing fermentation and cell culture with downtime between batches. advanced control systems. System for efficient buffer preparation and Clean-in-place system ensuring hygiene, compliance, and storage, designed to reduce bioprocess run minimal downtime. times and maintain temperature stability. eProd tangential flow filtration Fully automated TFF system designed for industrial-scale operations for efficient downstream processing.