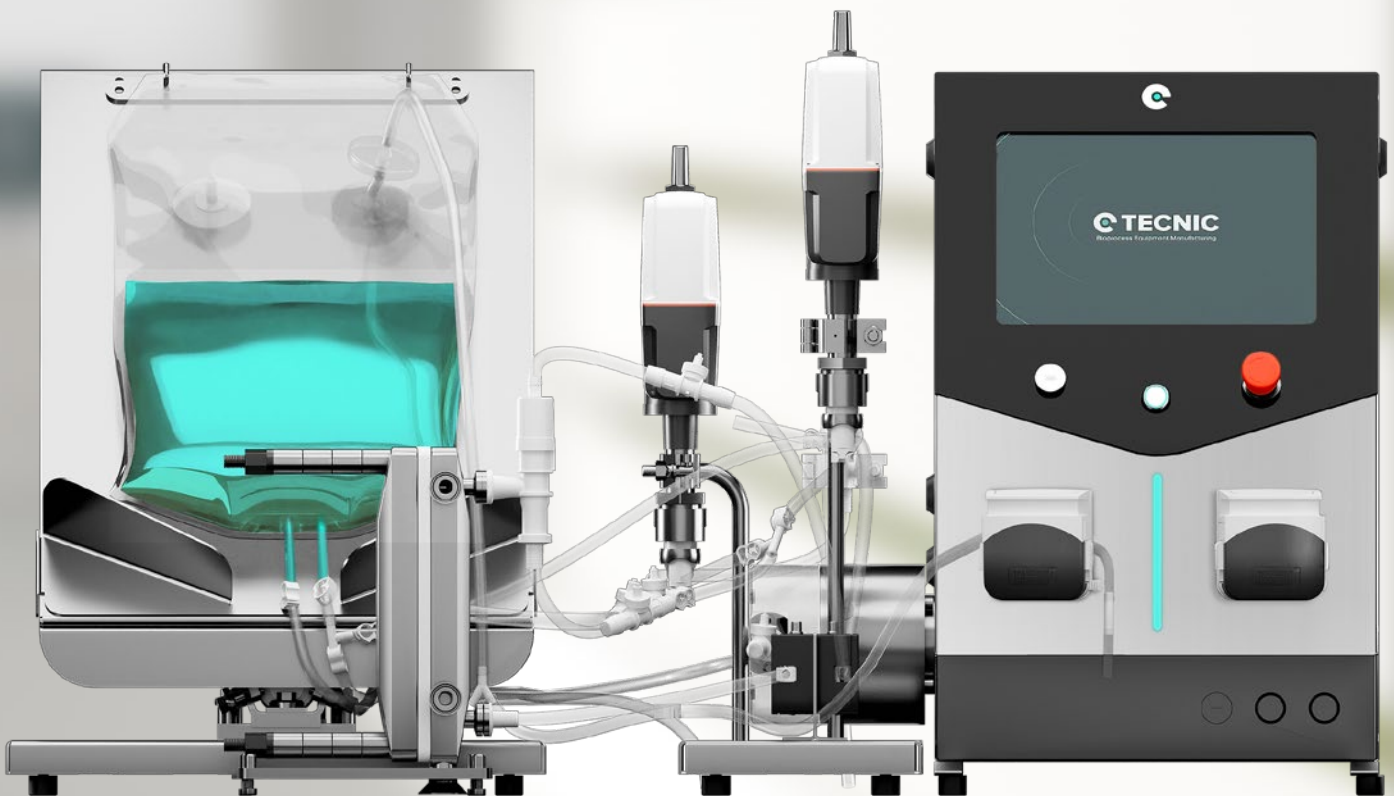


elab[®]

tangential flow filtration
single use
Up to 0.7 m²



C TECNIC

Leading laboratory filtration technology for downstream processes in **single-use eBAG®**



Single Use eBAG® TFF range

Our eLAB® TFF Single Use system provides an efficient solution for laboratory tangential flow filtration (TFF) needs. Designed with flexibility in mind, it supports **automated concentration and diafiltration processes**, accommodating a variety of batch volumes. The system is streamlined, featuring a compact design and low hold-up volume to **maximize product recovery and minimize waste**.

This user-friendly system simplifies operations, allowing for **quick setup and reduced downtime** through easy single-use flow kit changes. It comes with integrated sensors to fully monitor and control the process, ensuring consistent quality and performance. The automation of the eLAB® TFF Single Use system is compliant with relevant regulations and allows for detailed batch reporting, which is crucial for documentation and quality control purposes.

Scalability is a key feature, making the transition from process development to commercial-scale production seamless. With our system, **productivity is enhanced due to reduced cleaning validation and bioburden risks**, particularly in facilities handling multiple products. By incorporating our single-use eBAG technology, our eLAB® TFF system stands as an innovative solution in the bioprocess workflow, aligning with industry standards for efficiency and reliability.

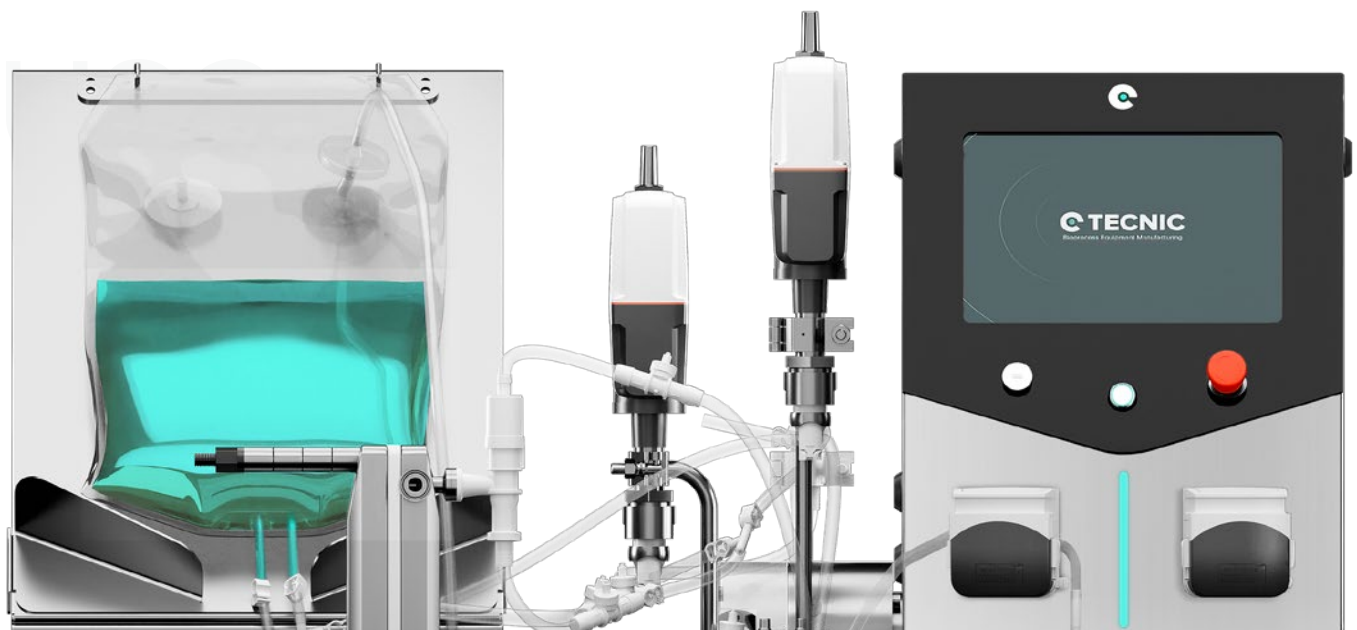
Key Functionalities

eLAB® TFF

Filter type - Filtration surface area	Membrane cassette 0.1 -0.7 m ² Hollow-Fiber 0.1-0.4 m ²
TMP configuration	Included
Concentration mode	Included
Diafiltration mode	Included
Water flux test mode	Included
Filling mode	Included
Level control	Included
Pressure measurement	Included
eSCADA R&ID eADVANCED software	Included
OPC server	Included
Recipes management	Included
User's management	Included
Reports	Included
Four-piston diaphragm pump for recirculation	Included
PH, conductivity and Flow sensors	Optional

eBAG®-TFF Features

eBAG® working volume (L)	5-50 L
eBAG® total volume (L)	6
eBAG® hold-up volume (L)	0,1
eBAG® type	Conical for minimum working volume + 2x upper ports
Filter	0,20 µm
eBAG® dimensions (WxH) (mm)	335 x 425
Bottom ports	1x 1/4" Retentate 1x 1/4" Permeate
Sampling	Optional in bottom port
Top connections	1x 1/4" hose barb for inlet solutions 1x 1/4" hose barb for venting filter



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Single Use eBAG® TFF



Technical data subject to change without notice.
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