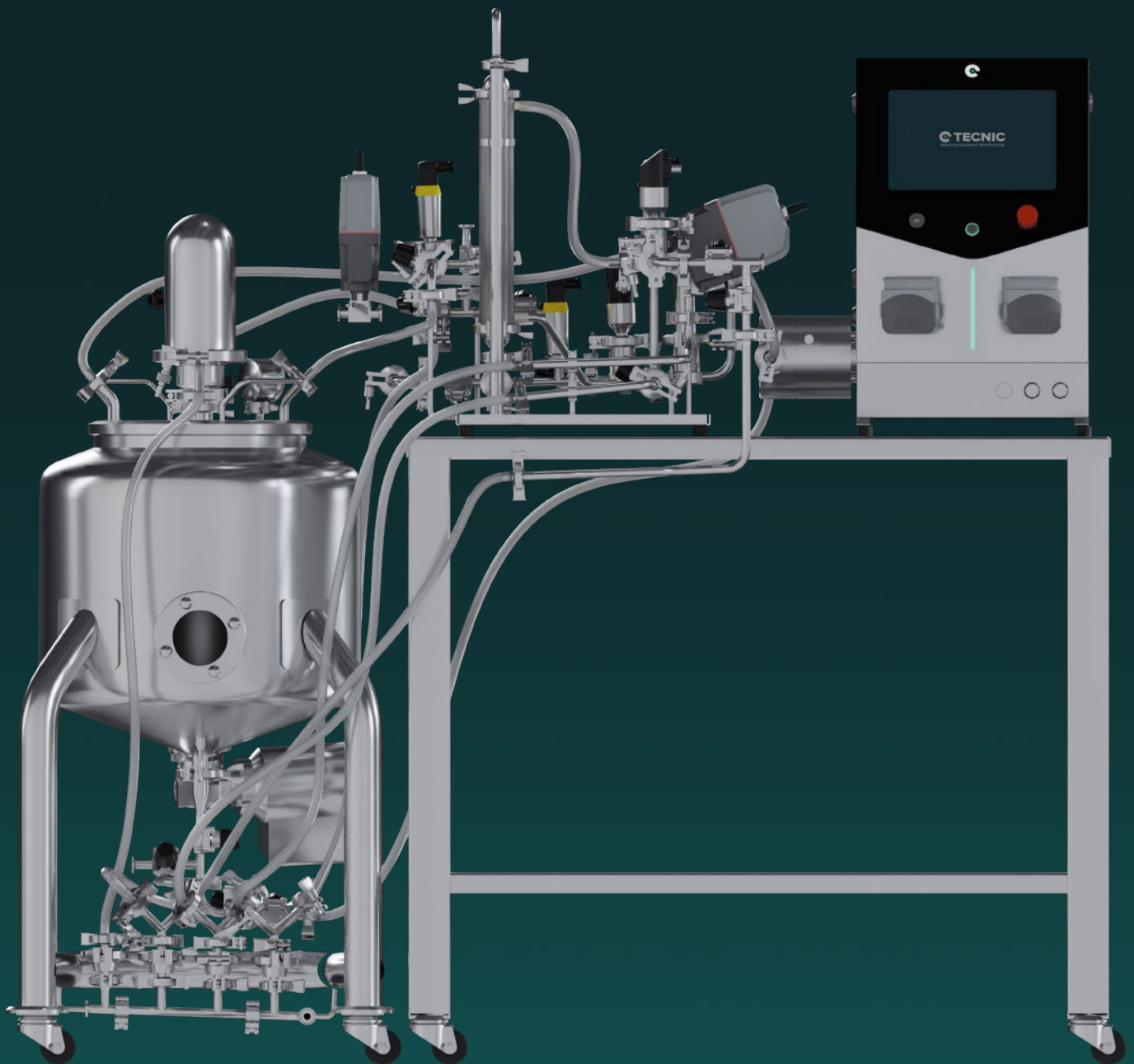


ePilot[®]

tangential flow filtration

Up to 6.5m²



TECNIC

Advanced filtration solutions for demanding downstream bioprocessing

ePILOT® TFF: the next generation of Tangential Flow Filtration (TFF), an innovative solution engineered to streamline your filtration processes and improve your biotechnology endeavors. Designed with **versatility and efficiency** in mind, the ePILOT® TFF empowers you to achieve superior separation and purification of biomolecules with ease.

At the heart of ePILOT® TFF lies its advanced filtration capabilities, which enable precise control over the separation process, ensuring **maximum yield and purity of your target molecules**. Whether you're working with proteins, nucleic acids, or other biomolecules, our TFF system delivers exceptional performance, allowing you to meet the stringent demands of modern biotechnology applications.

What sets ePILOT® TFF apart is its **flexibility and adaptability** to diverse filtration needs. With two available filter systems – hollow fiber or cassette – you have the freedom to choose the configuration that best suits your specific requirements. Whether you prioritize scalability, membrane area, or ease of use, ePILOT® TFF offers a solution tailored to your unique preferences.

Streamlined Workflows: Enhanced productivity with advanced automation

Experience **seamless operation and enhanced productivity** with ePILOT® TFF's intuitive user interface and advanced automation features. Say goodbye to manual interventions and hello to streamlined workflows, as our TFF system empowers you to achieve more with less effort, saving you time and resources along the way.

Built to withstand the rigors of biotechnology production, ePILOT® TFF boasts **robust construction and reliable performance**. With minimal maintenance requirements and maximum uptime, you can trust ePILOT® TFF to deliver reliable and reproducible outcomes, every time.

Transform your tangential flow filtration processes with ePILOT® TFF and unlock new possibilities in biotechnology innovation. Contact us today to learn more about how ePILOT® TFF can revolutionize your filtration workflows and propel your research forward.

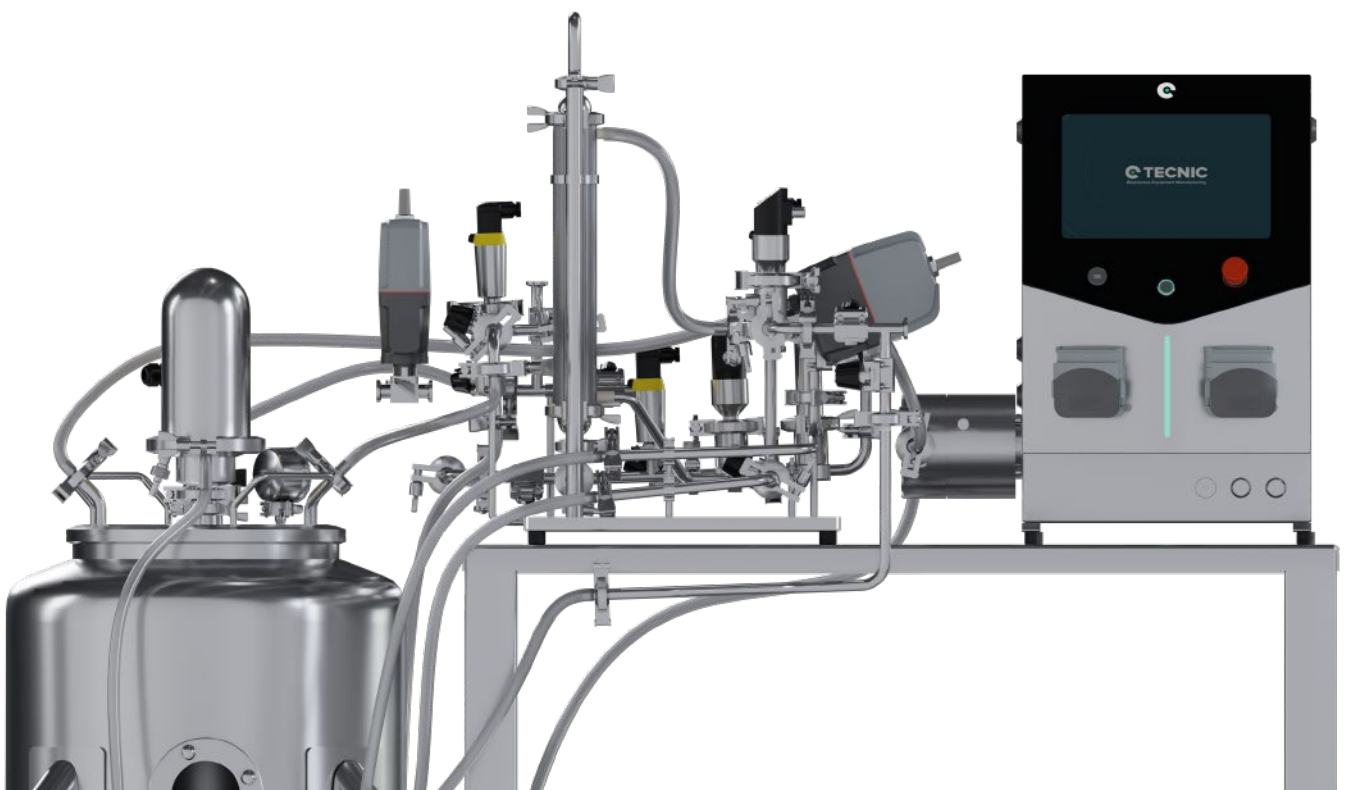
Key Functionalities

ePILOT® TFF

TMP configuration	Included
Concentration mode	Included
Diafiltration mode	Included
Water flux test mode	Included
Filling mode	Included
CIP mode	Included
Level control	Included
eSCADA R&ID / Advanced	Included
Overall dimensions (including vessel) (WxHxD) (mm)	1546,5x1412x524
Control unit weight approx. (Kg)	~35
Power supply	1x phase, 1x neutral, 1x ground 230V AC 50Hz 9A
Non-product contact material	Stainless steel AISI 304
Product contact material	Stainless steel AISI 316L
Controller type	Industrial PLC
Operation / HMI Interface	Intouch screen 10" / eSCADA
Electrical interfaces	1x ethernet 1x WLAN 2x USB
Advanced software	Compatible with Qubicon and Lucullus
pH sensor in the feeding line	Optional
Conductivity sensor	Optional
Filter Type	Membrane cassette: 0.5 -2.5 m ² / Hollow Fiber: 0.1 - 6.5 m ²
Pumping system	Low shear four-piston diaphragm pump

TFF vessel features

Vessel volume (L)	50-200 L
Vessel type	Conical for minimum working volume
Jacketed	Double wall vessel for temperature management
External vessel dimensions (WxHxD) (mm) (Inc.sensors)	461x1250x461
Vessel weight (Kg)	50



Contact

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Technical data subject to change without notice.
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