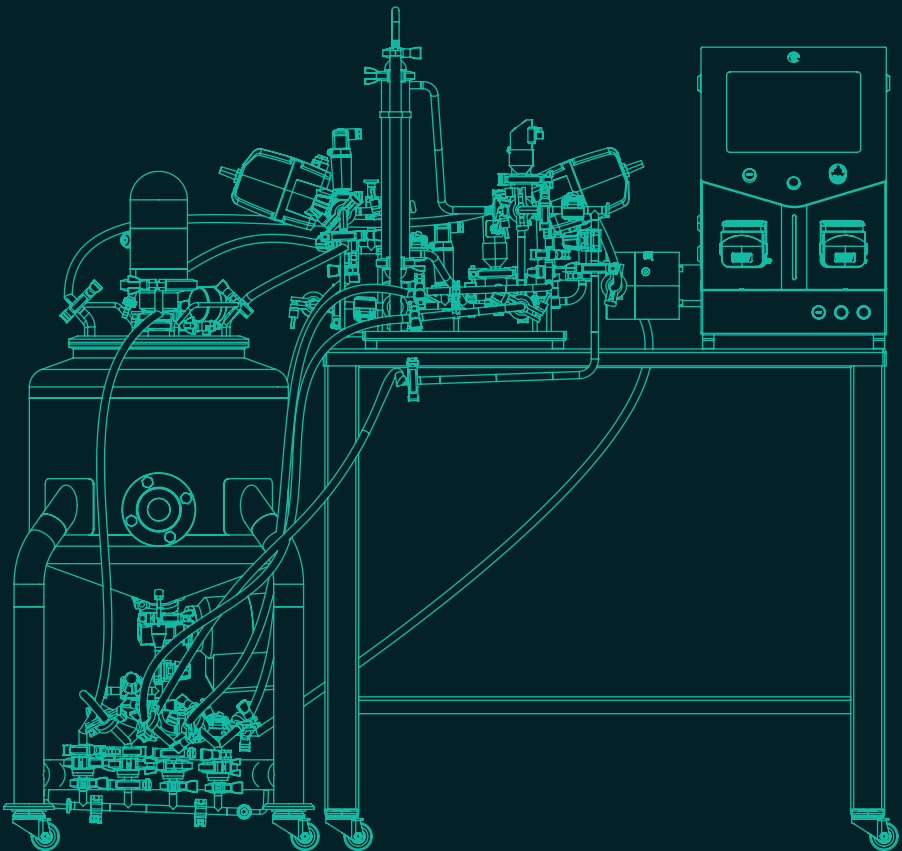


ePILOT

TECNIC

Tangential Flow Filtration

The Ultimate Solution for Streamlining Downstream
Processes in Biotech Manufacturing



ePILOT

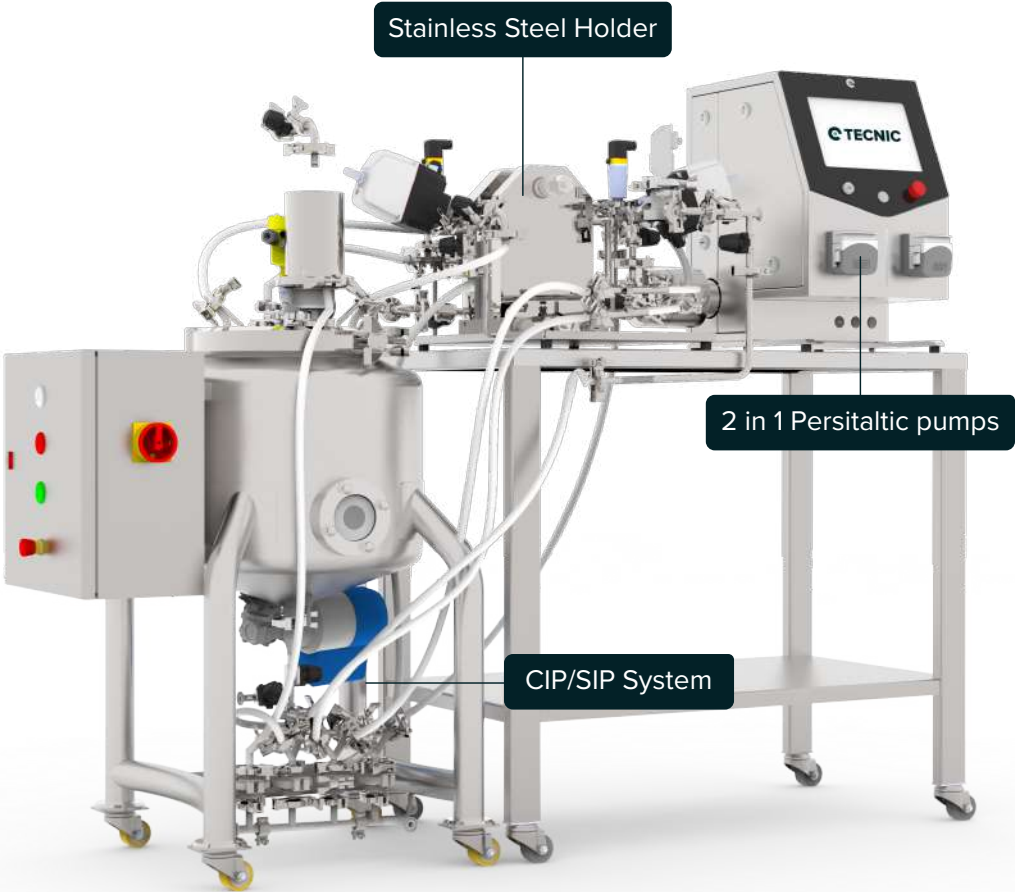
Tangential Flow Filtration

The PILOT TFF system is the perfect solution for biotech companies looking to streamline their downstream processes and improve product recovery.

Equipped with ultrafiltration, microfiltration, or nanofiltration filter modules in cassette, hollow fiber, and ceramic configurations, the PILOT TFF system offers unparalleled flexibility and performance. It can achieve a maximum filtration performance of up to 2.5 square meters of total membrane surface area, ensuring efficient and reliable filtration.

The PILOT TFF system is available in both multi-use and single-use options, giving biotech manufacturers the flexibility to choose the best option for their specific needs. Additionally, the system is fully automatic by default, utilizing differential pressure, transmembrane pressure, or crossflow as control regulation for process concentration and diafiltration.

Whether you're working with complex biomolecules or other challenging downstream processes, the PILOT TFF system is up to the task. With its advanced filtration capabilities and reliable performance, it's the perfect solution for biotech manufacturers looking to improve their downstream processes and optimize their product recovery.



ePILOT TFF

Applications

The ePILOT TFF system is a highly advanced biotech equipment designed to meet the demanding needs of modern manufacturing processes. It is ideally suited for a wide range of applications, including the production of vaccines, recombinant proteins, and monoclonal antibodies.



Vaccines

When it comes to vaccine manufacturing, the ePILOT TFF system is highly efficient, with its peristaltic pumps and holders ensuring that the production process is streamlined and optimized. The CIP/SIP system also ensures that the equipment remains clean and ready for use, reducing the risk of contamination and increasing the overall efficiency of the production process.



Recombinant proteins

Recombinant proteins are another area where the ePILOT TFF system excels. Its holders can accommodate a variety of cassettes, ceramic, and hollow fiber solutions, with filtration surfaces ranging from 0.5 m² to 2.5 m². The peristaltic pumps are highly reliable and efficient, ensuring that the production process is smooth and uninterrupted.

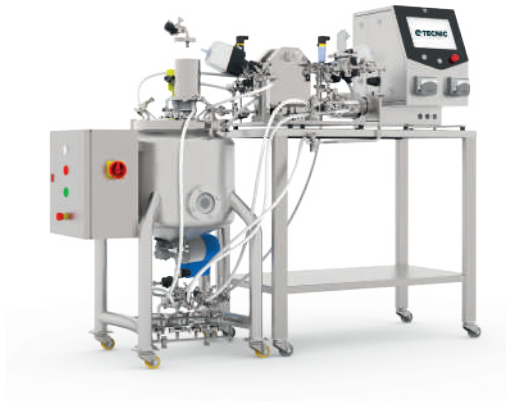


Monoclonal Antibodies













The ePILOT TFF system is also well-suited for the production of monoclonal antibodies. Its advanced filtration capabilities ensure that the final product is of the highest quality, while the CIP/SIP system ensures that the equipment is always clean and ready for use.



For More
Information:
sales@tecnic.eu



Datasheet

	Dimensions	W: 780 mm H: 535 mm D: 909 mm
	Material vessels	Stainless steel and Borosilicate glass
	Easy Scale Down	Working volume 50L tank
	Screen	25" capacitive touch screen
	Variable Speed	2x variable speed
	Recirculation	1x Sanitary piston 1,2 m ³ /h
	Holder	Adaptable and fabricated in house
	Filter area	0.5 to 2.5 m ²
	Cut Off	Microfiltration, Ultrafiltration, Nanofiltration
	Adaptable	Large n° of cassette, ceramic & hollow fiber
	AUTO-SIP	Connecting to a supply of pure steam at 3 bars
	AUTO-CIP	Automatic valves and customizable recipes



we evolve together



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