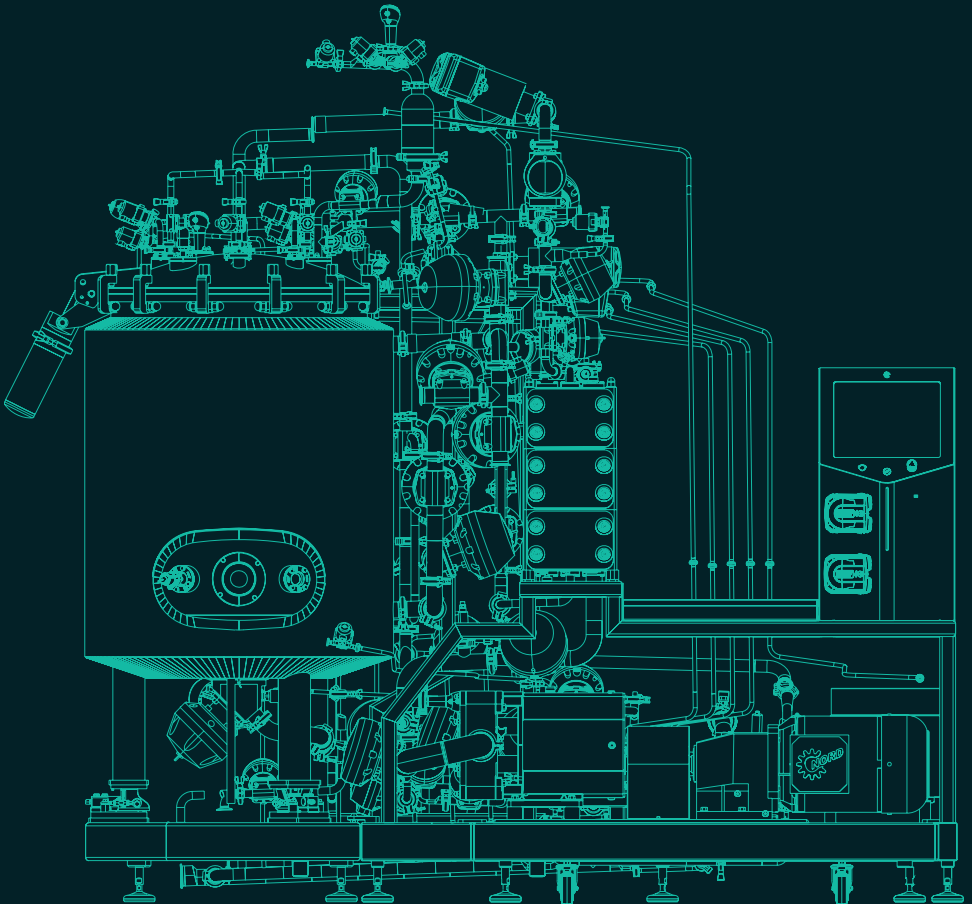


ePROD

TECNIC

Tangential Flow Filtration

The Ultimate Solution for Streamlining Downstream
Processes in Biotech Manufacturing



ePROD

Tangential Flow Filtration

ePROD TFF is a state-of-the-art, fully automatic flow filtration equipment that has been designed to optimize downstream processes in bioprocessing applications. With a working filtration surface area ranging from 7 to 65 m², ePROD TFF is capable of handling a wide range of volumes for micro, nano, or ultra filtration applications.

The ePROD TFF system is available in a variety of configurations that include cassette, ceramic, and hollow fiber solutions to suit the specific needs of the bioprocess. This allows for the efficient removal of impurities and ensures that the final product meets the required quality standards.

The Dual control box interaction system of ePROD TFF is a unique feature that allows for multi-user registration (admin/operator) with a 15" + 25" touch screen. This advanced feature provides complete control over the filtration process, enabling the operator to set and monitor the process parameters in real-time. This ensures that the filtration process is optimized for the highest level of efficiency and quality.

ePROD TFF is designed to meet Good Manufacturing Practice (GMP) guidelines, and its advanced technology makes the bioprocess easy to validate and document. The system also includes a DOUBLE CONTROL BOX and modular skids, which are designed for easy maintenance, reducing downtime and increasing productivity.



Holder

Double control Box

Helicoidal/Lobe Pump

Modular Skid

ePROD TFF

Applications

The ePROD 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 ePROD 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 ePROD TFF system excels. Its holders can accommodate a variety of cassettes, ceramic, and hollow fiber solutions, with filtration surfaces ranging from 7 m² to 65 m². The peristaltic pumps are highly reliable and efficient, ensuring that the production process is smooth and uninterrupted.



Monoclonal Antibodies












The ePROD 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:
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Datasheet

	Dimensions	W: 2760mm H: 1243mm D: 2325mm
	Material vessels	Stainless steel AISI 316L
	Scalable	With 5 to 10L working volume
	Fixed Speed	1x Fixed speed 90 RPM
	Variable Speed	1x Variable speed 100 RPM
	Recirculation	1x Sanitary piston 1,2 m ³ /h
	Holder	Adaptable By TECNIC
	Filter area	7 to 65 m ²
	Cut Off	Microfiltration, Ultrafiltration, Nanofiltration
	Adaptable	Large n° of cassette, ceramic & hollow fiber
	Auto CIP /SIP	Full Automatic



we evolve together



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