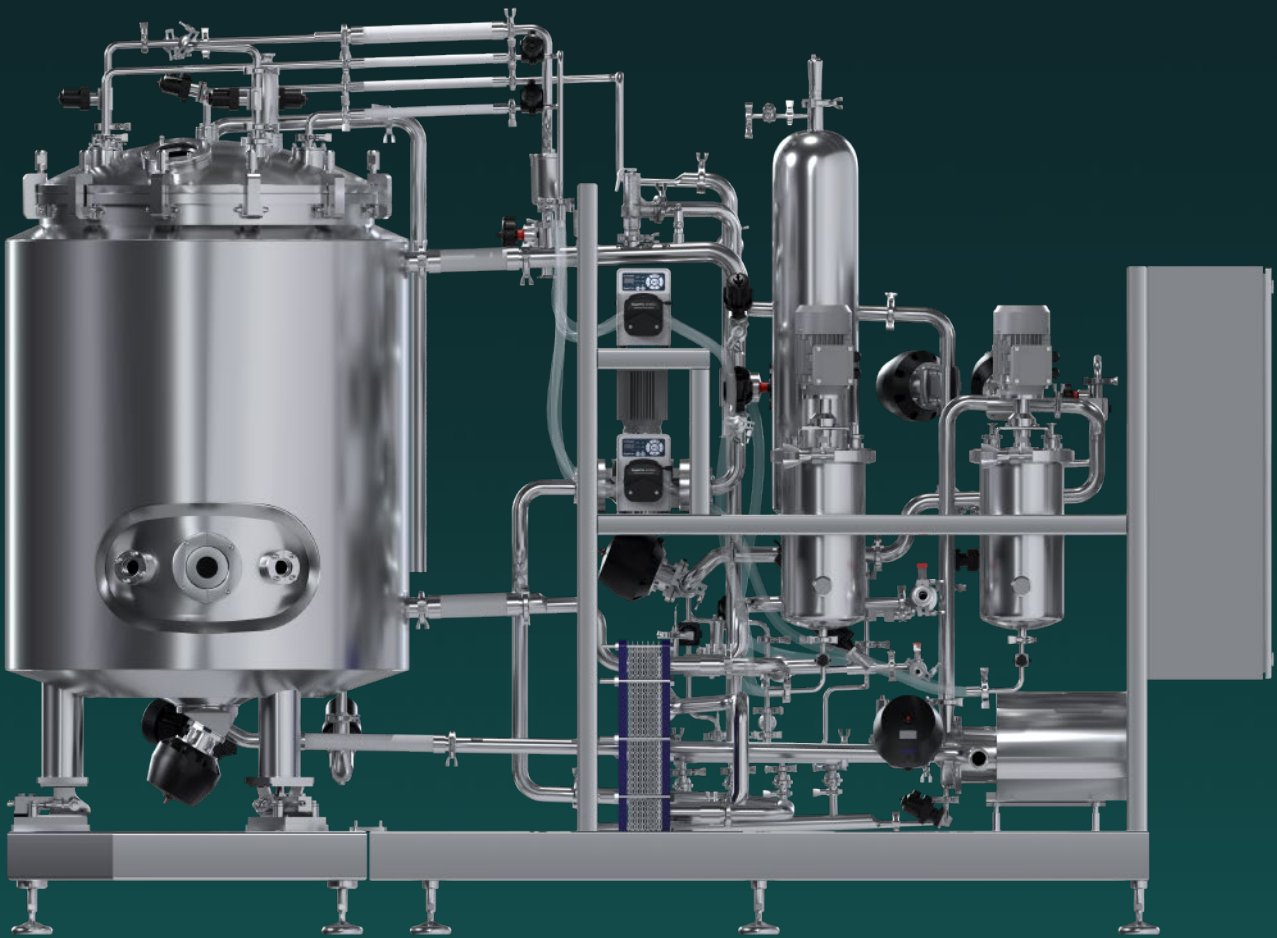


ePlus[®]

Media Preparation

A highly versatile mixing system
for Life Sciences applications



The definitive solution for automatic media preparation in biotech processes.

The ePLUS® Media Preparation, meticulously designed and crafted by TECNIC, represents an ideal solution for the autonomous preparation of media recipes through its sophisticated automatic system. For Buffer & Media formulation and preparation, this equipment excels in the automated mixing and sterilization of diverse solutions, offering unparalleled adaptability and providing time-saving benefits, precise dosage control, and traceability to ensure media quality.

The core of the Media Preparation equipment comprises a main vessel with an agitation and temperature control system, ensuring proper homogenization of the media. Four additional vessels store stock solutions, maintaining their homogeneity through stirring for precise additions. Peristaltic pumps guarantee an accurate dosage of each component. Upon completion, a centrifugal pump transfers the prepared solution for subsequent utilization.

The ePLUS® Media Preparation boasts advanced features, including a magnetic stirrer, temperature sensors, and enhanced heating and rapid recooling capabilities. This integration of cutting-edge technology with the eSCADA software optimizes the automated preparation and sterilization of media for bioprocessing, resulting in significant time savings, heightened productivity, and reduced contamination risks.

Choosing TECNIC ePLUS® Media Preparation ensures a consistent high quality; simply add your ingredients, and let the system handle the rest, guaranteeing faster turnaround times and improved overall efficiency.

Streamlined automation and precision in media preparation

- Fully automated and user-friendly interface for efficient process management.
- Optional jacketed version for temperature control.
- Main tank equipped with magnetic agitation for efficient mixing.
- Includes four 316L stainless steel storage vessels for different stock solutions.
- Impeller design facilitates in-place cleaning to meet hygienic requirements.

Key Functionalities

ePLUS® Media Preparation

Main Vessel	500 L
+4 Additional vessels	Included
Stirrer speed control	Included
OPC server	Included
Magnetic stirrer	Included
eSCADA Advanced/R&D	Included
Recipe's management	Included
User's management	Included
Dosage peristaltic pumps	Included
Temperature Control	Optional
Jacketed	Optional



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 **TECNIC**