

ePlus[®] CIP

Our Clean in Place
system solution



 **TECNIC**

Revolutionizing the cleaning bioprocess system with ePLUS® CIP technology

Introducing the fully automatic and easy-to-use ePLUS® CIP system, understanding each industry's unique cleaning needs. This innovative, compact solution features **pre-established recipes and a wide range of additional options**, catering to your specific bioprocessing facility needs. Capable of handling cleaning operations for equipment volumes **up to 2000 liters**, the ePLUS® CIP consistently delivers high-quality outcomes with an intuitive configuration, increasing efficiency and minimizing downtime in large-scale bioprocessing facilities.

Our Clean-in-Place system is equipped with a 100L or 200L stainless steel tank, compliant with industrial standards. It also features an **expandable manifold with four outlets**, offering diverse connection options for different equipment types. Optionally, you can **integrate a heating system** to enhance the cleaning cycle's effectiveness by maintaining the optimal temperature. Additionally, an **extra detergent tank** can be included for greater flexibility in your cleaning process.

The ePLUS® CIP's technical features showcase its **efficacy and meticulous cleaning** in biotech environments, especially crucial in high-demand settings where **reliability and adaptability are key**. Investing in the ePLUS® CIP tank streamlines your cleaning process for **optimal efficiency and productivity**. Trust TECNIC technology to thoroughly and efficiently clean your bioreactors, ensuring they are ready for their next batch.



Cleaning bioprocessing equipment with our ePLUS® CIP

- Rigorous compliance with pharmaceutical standards
- Fully automated system with standardized protocols
- Optional heating mechanism for enhanced efficacy
- High-volume cleaning capacity

Key Functionalities

Basic Configuration

Self-cleaning of CIP equipment module	Included
CIP with cleaning solution module	Included
Rinsing module	Included
Conductivity verification module	Included
eSCADA Advanced	Included
OPC server	Included
User's management	Included
Recipe's management	Included
Centrifugal sanitary pump	Included
Flow sensor for liquid detection	Included
CIP pressure measurement	Included
4x CIP outlet ports	Included
2nd detergent storage bottle (20L)	Optional
2nd water addition port	Optional
Heating module	Optional
200L vessel version	Optional

Technical specifications

Overall system	Standard version	Heating version
Overall dimensions (including vessel) (WxHxD) (mm)	1651x1537x600mm	
Control unit weight approx (Kg)	220	
Power supply	3x phase 1x neutral 1x ground 380V AC 50Hz 5A	3x phase 1x neutral 1x ground 380V AC 50Hz 10A
Skid material	Stainless steel AISI 304	
Piping and vessel material	Stainless steel AISI 316	
Controller type	Industrial PLC	
Operation / HMI Interface	Intouch screen 10" / eSCADA	
Electrical interfaces	1x ethernet 1x WLAN 1x USB	
Advanced software	Compatible with Qubicon and Lucullus	



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