

# ePlus CIP

Our Clean in Place  
system solution



# 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 4000 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<br>1x neutral<br>1x ground<br>380V AC<br>50Hz<br>5A | 3x phase<br>1x neutral<br>1x ground<br>380V AC<br>50Hz<br>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                         |   |



# Contact

Polígon Industrial Can Pruna  
Carrer Ponent, Parcela 10, nau 1, 2 i 3  
17421 Riudarenes, Spain

☎ +34 972 87 73 27

✉ sales@tecnic.eu

🌐 tecnic.eu



Technical data subject to change without notice.  
24\_4\_0\_ePLUS-CIP\_EN | © TECNIC Bioprocess Solutions.

 **TECNIC**