

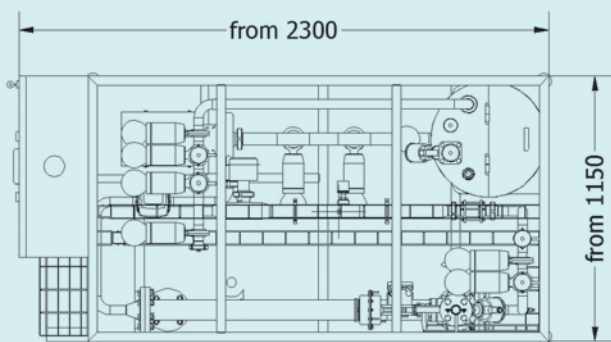
The background of the entire page is a high-speed, close-up photograph of water splashing. The water is captured in mid-air, creating a dynamic and energetic scene with various droplets and ripples. The color palette is dominated by cool blues and teals, with bright highlights where the water catches the light. The text is overlaid on this background, with a semi-transparent teal bar behind the main title and subtitle for better readability.

CIPLAS

THE FLEXIBLE CIP SOLUTION
FOR THE FOOD INDUSTRY

The CIPLAS Cleaning In Place local unit stands as an automatic and versatile system designed for the comprehensive cleaning of piping, tanks, filling machines, and other vital equipment within the food industry. Fully adjustable, users have the freedom to modify and save crucial cleaning parameters such as flow rate, volume, duration, temperature, and conductivity.

Prefabricated and pre-mounted on a durable stainless-steel frame, CIPLAS ensures easy installation and operation in any industrial environment. Its design places special emphasis on safety and energy conservation, reflecting our commitment to excellence.



HYGIENE, SAFETY, AND FLEXIBILITY

The CIPLAS unit is meticulously crafted in compliance with the latest food industry standards, ensuring top-notch hygiene and safety. Tailored to diverse cleaning requirements, it offers unparalleled flexibility. Installation is a breeze, demanding minimal space. Whether deployed individually or in tandem with other CIPLAS units centrally, it adapts seamlessly. Explore the option of combining it with additional tank installations for efficient chemical recovery and enhanced economy.



SMART AUTOMATION CONTROL

The CIPLAS unit is controlled by a PLC, adept at processing all essential data and executing operations with utmost safety. User-friendly menus facilitate effortless navigation, and function management is adaptable to distinct user access levels.

AS HELLAS's intelligent operating software, coupled with advanced wash cycle 'routines,' ensures not just high energy efficiency but also significant cost savings, guaranteeing a swift return on investment.

Technical specifications	
Description	CIPLAS
CIP Capacity	From 10 m ³ /h up to 100 m ³ /h
Tanks Capacity	From 200 Lt up to 1.000 Lt
Materials Quality	Stainless Steel 316 L
Dimensions L x W x H	From 1.500 x 2.600 x 2.300 mm
Steam Consumption	From 400 kg/h at 3,5 bar
Water Consumption	From 10.000 Lt/h
Air Quality	Oil-free compressed air at 7 bar
Power	From 2,2 KW, 400VAC, 50Hz
Working Temperature	95 °C
Weight	From 1.500 kg

Automation Specifications	Column1
HMI Touch Panel	From 6" up to 15"
Cleaning programs	Up to 10 different cleaning circuits
Pump frequency regulation	✓
Maintenance operation mode	✓
Operation hours / Maintenance alarm	✓
Operation interlocks	✓
Last CIP per circuit indication	✓
Temperature, flow, conductivity trends	✓
Complete documentation in English	✓
Chemical disinfectant dosing	Option
Solution preheating	Option
Industrial panel PC	Option
Connection with central SCADA	Option
Up to 32 cleaning programs	Option
Tele-service modem	Option

Recommended equipment manufacturers

- Pneumatic valves: Alfa-Laval, Bardiani, Evoguard
- Analog steam valve: Samson
- Centrifugal pump: Alfa-Laval, Evoguard
- Tubular heat exchanger: Alfa-Laval, MBS
- Electrical panel: Rittal stainless steel
- PLC: SIEMENS
- Touch screen: SIEMENS