



CIP
CLEAN-IN-PLACE



APPLICATION OF CIP



CLEANING SYSTEMS

Cleaning-in-Place

Clean-in-Place automatic cleaning systems were originally adopted in the food industry, but they have later been applied also in industries where the product must be absolutely clean and pure, such as pharmaceutical production.

CIP system is a closed loop where sanitary conditions are easier to be kept, safe operation is enhanced, and maintenance cost are reduced.



EFFICIENCY AND MINIMIZATION of shut-down times

A plant equipped with CIP system is a complete plant, aimed to production efficiency and able to minimize shut-down times for cleaning activities.

CIP systems are customizable and can be equipped with one, two or three tanks; the more tanks, the more efficiency by minimizing waiting times between loading/washing/unloading phases.

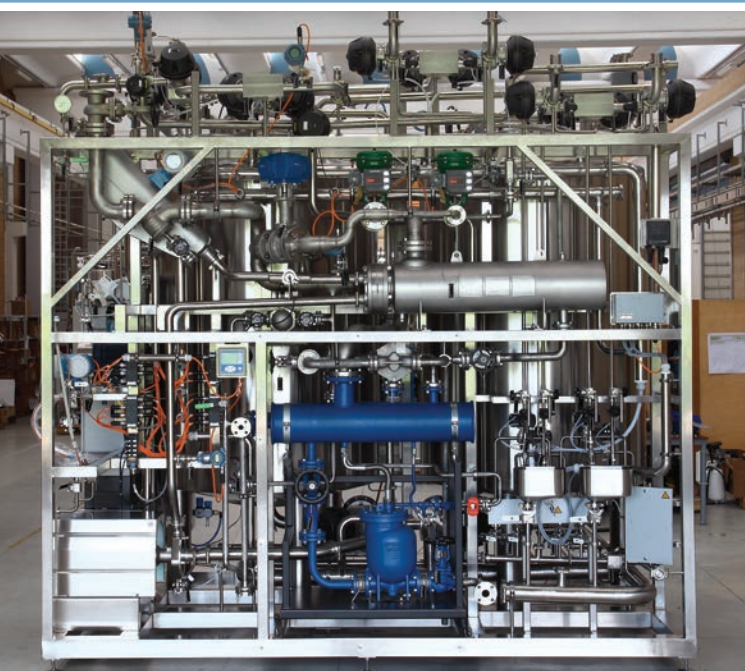
They can be designed based on once through or recirculated flow mode; on skids as ready-to-use units or movable; with electric or steam heating systems; with self-draining system.

CONTROL EQUIPMENT



EASILY
INTEGRATED
with automation
system

CIP can be integrated into the automation system to easily control critical cleaning parameters such as flow rates, temperature, pressure, level and conductivity. The CIP is fully assembled and cabled in the workshop, including an electrical control panel, to be promptly operative at customer site.





**WE LISTEN, WE DESIGN,
WE CREATE WITH PASSION.**

IT IS THE MIND THAT SHAPES THE STEEL

Solutions for the
pharmaceutical and
biotechnological industries



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