



# CIP Ozone

CIP O<sup>3</sup>

Clean, effective and efficient

**This CIP manages production and the ozone level** in the water.  
It monitors concentration and pH.

**It operates using the CIP standard,**  
guarantees sanitation of the process and  
uses the existing process cleaning system.

*Ingeniering*

## FEATURES

- Shorter cleaning cycle
- Reduced water consumption
- Significant reduction in CIP costs



 **DEFINOX**

## SYSTEM FEATURES

- **Monitors** ozone concentration
- **Checks** the ozone concentration in the tanks and return lines
- **Ozone injector**
- **Atmospheric ozone monitoring** sensor
- **Straightforward installation**
- Functions **with standard CIP**
- **Capacity** 3,000 l/h - 100,000 l/h
- **Option** to sanitize one or several lines simultaneously

Parameters	Optimum value	Maximum value
tds	150 ppm	< 500 ppm
Temperature	20°C	< 25°C
Concentration of ambient ozone	0 ppm	0.1 ppm
Residual ozone following CIP	0 ppm	0 ppm
pH	6.5	5 to 7.5
Organic residue	0 ppm	< 1 ppm

## Specific process features

Total bacteria following CIP	< 20 / 100 ml
Quantity of yeast following CIP	< 1 / 100 ml
Speed of CIP	> 1.5 m/s

## OPTIONS

- **Data acquisition and statistical processing system**
- **Water pre-treatment**
- **Water pre-cooling**