

CIP350 Cleaning in Place unit

High-flow CIP for your equipment

Safe, effective and timesaving



The CIP350 is a mobile unit with a compact footprint enable the cleaning-in-place procedure of your equipment, pipework and vessels without spending time dismantling the parts.

Connecting the system to your equipment is easy and fast.

For efficient cleaning you only need to fill the 50L (or 100L) CIP tank with the required detergent mix and start the cleaning cycle(s). The CIP350 will consequently circulate the solution/mixture to the required circulation time such as 10-40minutes, depending on the kind of cycle (alkaline/caustic circulation or acid circulation) and type of equipment.

The CIP350 is available with two different heating methods: steam heated and electrical heated. Depending on the size of the equipment volume to be cleaned, OMVE can select one vessel of 50L or 100L to facilitate and maximize your operations.

Our CIP unit is suitable to clean OMVE units such as carbonators, fermenters, buffer tanks, blending vessels, UHT's and other lab and pilot equipment.

Unique Features

- Independent, regulated on-board heating capability (electric or steam) for high temperature CIP (i.e. caustic)
- Automated cleaning of the 50L vessel
- CIP pump with high speed flow from 0.7 up to 2.4m³/h
- Safe & secure design to protect the operator's health & safety and the environment (facilities) against splashes

Cleaning cycles

- Start of the CIP unit
- ± 10min cold / hot water washing of product from the system / tank
- ± 30min Alkaline cleaning at ± 70 ° C (depending on the type of detergent)
- ± 10min cold / hot water to remove detergents from the equipment
- ± 30min Acid cleaning at ± 70 ° C (depending on the type of detergent)
- ± 15min cold / hot water to remove detergents from the equipment
- Emptying the tank and pipes

Cleaning in Place

CIP



Effortless Cleaning



Specifications

Overall dimensions

L x W x H	67x70x130cm [26.4x27.6x51.2"]
Gross weight	150kg [331lbs]

Utilities required

Electricity (electrical heated)	370-400Vac /3ph+N+E /50Hz/ 16A or 200-240Vac /3ph+E /60Hz/ 32A
Electricity (steam heated)	370-400Vac /3ph+N+E /50Hz/ 16A or 200-240Vac /3ph+E /60Hz/ 16A
Soft Water (max.)	300L/h, <25C
Compressed air	1nm ³ /h; 4-7bar(g)
Drains	----

Why OMVE

- ✓ Since 1993, we have **specialized** in supplying manufacturing R&D and pilot-plant equipment.
- ✓ OMVE is a **preferred supplier** to leading multinationals worldwide.
- ✓ OMVE systems are designed and manufactured according to the **highest industry standards**.
- ✓ OMVE systems come with a **two-year** warranty.
- ✓ OMVE systems carry **CE certification**.
- ✓ OMVE offers the **most comprehensive service** available on the market.