



Mobile CIP

A COMPACT & COST-EFFECTIVE
SOLUTION FOR YOUR
CLEAN-IN-PLACE NEEDS

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Mobile CIP

EXPERTS IN CLEAN-IN-PLACE SOLUTIONS

Introduction

Axiom's standard CIP system has been designed with mobility, versatility and hygiene at the forefront of its design. To serve as a plug and play option for a wide range of industrial applications, the Compact CIP comes with a range of control options from manual to fully automatic. A dedicated team of chemical engineers are on hand for support and advice, from build parameters to the selection of appropriate chemical recipes for effective and repeatable cleaning results. All process equipment is mounted on framework, with multiple termination points within its footprint for adaptable use across site.

The Mobile CIP System is ideal for the cleaning of process vessels with installed spray ball devices, pipework runs, pilot scale equipment and much more.

Customisable to individual requirements, Axiom's compact system provides a complete solution to your clean-in-place needs.



FIG. 1- HUMAN MACHINE INTERFACE (HMI) HAS USER-FRIENDLY TOUCHSCREEN

Features

- 304 Stainless Steel framework & electrical enclosure.
- 316L Stainless Steel pipework & vessel.
- Designed and built to EHEDG & ASME BPE hygienic principles.
- Diamond box section, sloped electrical enclosure, inverted vessel, and food grade castors for automatic run-off during wash down.
- Low centre of gravity & balanced skid for ease of manoeuvring by a single operator.
- Compact design for access in the tightest facilities.
- FDA approved seals & product contact materials.
- Multi-outlet valve manifold.

Sectors

- Pharmaceutical
- Biotechnology
- Food, Beverage & Dairy
- Brewery & Distillery
- Cosmetics & Toiletries
- Chemical & Textiles



Specification

Equipment	Parameters	Eco Skid	Optimum Skid	Additional Options
CIP Tank	Volume	300L	350L	400L
CIP Pump	Centrifugal Hygienic, Speed Controlled	4,000lph @ 5.7 bar	4,000lph @ 5.7 bar	7,000lph @ 5.7 bar
CIP Heating	Electric Element	1 x 18kW (0-70°C in 72 mins)	1 x 18kW (0-70°C in 95 mins)	2 x 18kW Electric Elements (0-70°C in 54 mins) Or Steam Heat Exchanger
Chemical Dosing	Air Operated Double Diaphragm Pump	1 x Pumps (24lpm)	2 x Pumps (2 x 24lpm)	3 x Pumps (3x 24lpm) Electrically Driven Dosing Pump
Valves	Hygienic Butterfly Operation	Manual	Manual & Air Operated	Hygienic Dipahragm Valves Manual & Air Operated
Instrumentation	Flow	Variable Area	Electronic (24V 4-20mA)	
	Level	Visual	Electronic (24V 4-20mA)	
	Pressure	Gauge/ Dial	Electronic (24V 4-20mA)	
	Temperature	Gauge/ Dial	Electronic (24V 4-20mA)	
	pH	Sampling Point	Electronic (24V 4-20mA)	
	Conductivity	None	None	Electronic (24V 4-20mA)
Electrical Panel	Control	Push Buttons	7" HMI (Touchscreen)	12" HMI (Touchscreen)
	PLC	Pre-Programmed	Pre-Programmed With Adjustable Parametrs	
	Data Collection	None	Data Logging	
	Connectivity	None	Ethernet	
Automation	Chemical Dosing		PLC Controlled	PLC Controlled
	CIP Return Monitoring			PLC Controlled