



**SANI+MATIC®**

## Clean-Out-of-Place (COP) Parts Washers: Thorough Cleaning, Repeatable Results.



**Sani-Matic Clean-Out-of-Place (COP) Parts Washers** replace unreliable manual cleaning with an efficient, labor-saving system that generates repeatable results.





**Sani-Matic Clean-Out-of-Place (COP) Parts Washers** are configured to meet your process items, plant operations and cleaning requirement needs.

## Advantages

- **Complete Clean.** High-velocity turbulence is generated with specially manufactured sanitary jet manifolds. This turbulence agitates and cleans soiled pipes, hoses and disassembled equipment parts.
- **Safety.** Minimizes operator exposure to high temperatures and strong concentrations.
- **Water, Chemical, Utility & Labor Savings.** System reduces labor and utility costs, as well as chemical and water use over manual cleaning.
- **Component Preservation.** Reduces component handling, lost items and damage to critical process parts.

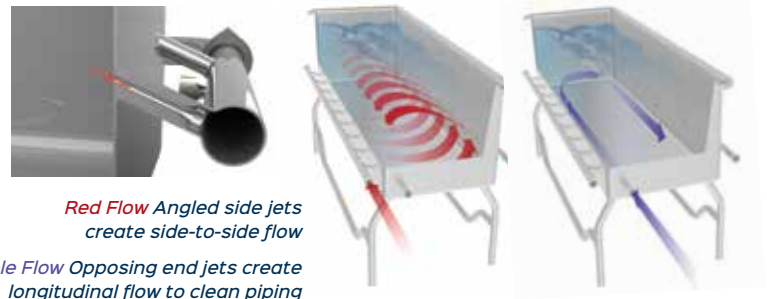
## Applications



## Sanitary Jet Technology

The Sani-Matic COP comes with our exclusively designed sanitary jet manifolds. The jet manifolds are fully welded and machined to eliminate unsanitary crevices and to create consistent, high-velocity jet flow. The angled side jets create circular side-to-side flow, and the end jets create turbulent longitudinal flow that is ideal for cleaning pipes and hoses. Selector valves allow easy jet flow changeover.

*Sanitary Jet Manifold*



## Features

### Standard

- 304 stainless steel construction
- Sanitary jet manifolds
- In-tank direct steam injection heating
- Sanitary centrifugal supply pump
- Standard sizes include (inner dimensions):
  - UW=20" W x 18" D
  - RW=24" W x 22" D
  - PW=24" W x 30" D
  - BW=30" W x 30" D
  - SP=Custom dimensions
  - Alternate sizes available
- 4-, 6-, 8-, 10-, or 12-ft. lengths

### Optional

- 316L stainless steel construction
- End-jet manifold assembly
- In-line electric immersion heater or shell and tube heat exchanger
- Chemical feed equipment
- Conductivity sensor and controller
- Chart recorder
- Motor starter/disconnect
- Custom tank sizes and/or multiple compartments
- High-pressure pump and hose station assembly
- Hose-cleaning manifold assembly
- Heavy-duty stainless steel casters
- Drain board and pipe rack assembly
- Hinged sanitary cover assembly
- End-mounted drain table
- Insulated sidewalls
- Complete documentation for regulatory standards compliance

## Manual to Fully Automated COP Systems



*Semi-automated COP with temperature and cycle controls*

Sani-Matic COP systems can be designed from manual systems to fully automated.

A semi-automated COP system requires different levels of manual intervention to control the sequence of the cleaning process. The most basic semi-automated system includes temperature and cycle controls.

Fully automated systems are PLC controlled and have an HMI to provide recipe selection and operation monitoring. Capabilities of full automation include the following:

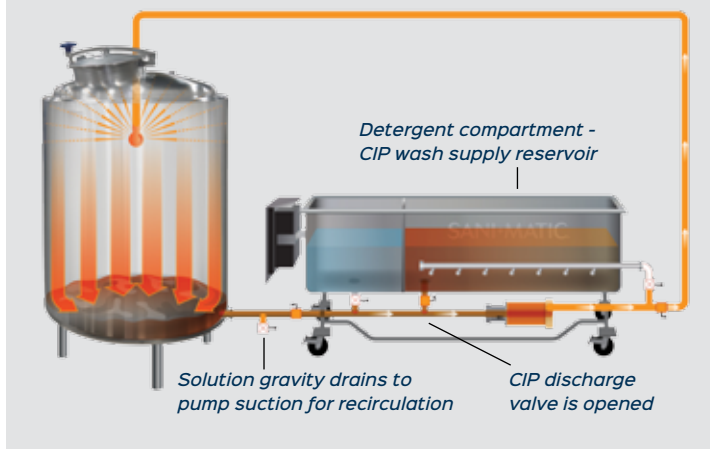
- Final rinse verification
- Water fill level and steam control
- Chemical addition
- Temperature
- Cycle times and cycle steps
- Flow control and draining operations

## Portable COP/CIP System

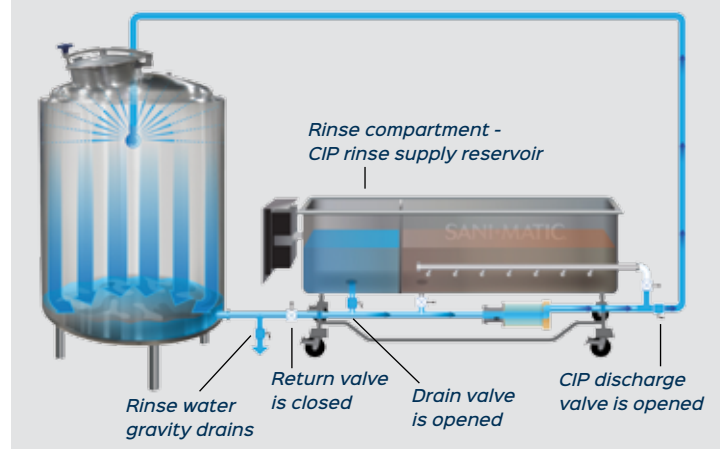
- Portable system is ideal for periodic cleaning of vessels, tanks and lines
- For single compartment once-through use or recirculate solution with an additional compartment
- A lower capital investment than traditional CIP



### COP/CIP Wash Cycle



### COP/CIP Rinse Cycle



## Standard and Custom COP Basket Designs

- Reduce handling, decrease damaged and lost parts
- Organize disassembled parts



URWB-1



URWB-2



URWB-5



URWB-6



URWB-7



Custom Basket

# Cleaning Confidence.

Repeatable results you can count on every time you clean your process parts and equipment.  
**That's Cleaning Confidence from Sani-Matic.**



## SANI-MATIC®

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