



B I O - P H A R M

# Clean-Out-of-Place (COP) Immersion Parts Washers

*Fast, Thorough, Repeatable Cleaning*

**Sani-Matic COP Washers** provide an efficient and dependable alternative to labor intensive, unreliable manual cleaning. Each COP washer comes with our specially manufactured spray manifolds designed to create consistent, high-velocity turbulence in the tank. Repeatable agitation effectively removes product residue from piping, hoses and disassembled machine parts.

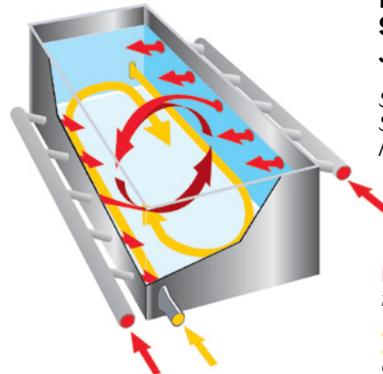
## Why Choose a Sani-Matic COP?

- Consistent, repeatable results from a controlled process
- High-impact cleaning with sanitary jets
- Allows higher temperatures and stronger concentrations while minimizing worker exposure
- Reduces handling and maintenance of components
- Reduces labor costs, minimizes chemical usage, and lowers water and utility costs



## Sanitary Jet Technology

Each Sani-Matic COP washer comes with our exclusively designed sanitary jet manifolds, which are fully welded and machined to eliminate unsanitary crevices and create consistent, high velocity jet flow. Angled side jets create circular turbulent flow side to side while end jets create turbulent flow lengthwise that is ideal for cleaning piping and hoses. Selector valves allow easy changeover from side jet to end jet flow.



### Exclusive Sanitary Jet Design

Sanitary Supply Manifold

Inside Tank

**Red Flow** Angled side jets create flow from side to side

**Yellow Flow** Opposing end jets create flow lengthwise to clean piping

### Standard Models/Features Include:

- 316L stainless steel construction, 25 Ra
- Sanitary jet manifolds
- Motor starter/disconnect
- Hinged cover
- Complete documentation to comply with regulatory standards and validation requirements
- Standard sizes include (inner dimensions):
  - UW=12" 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
  - 4,6,8,10, or 12 ft. lengths

### Available Options Include:

- Semi-automatic or automatic controls
- End jet manifold assembly
- Chemical feed equipment
- Conductivity sensor and controller
- Heat source options include:
  - In-Line Electric Heater
  - Shell and Tube Heat Exchanger
- Insulated tank sidewalls
- Hose cleaning manifold assembly
- Stainless steel casters (heavy duty)
- Diaphragm valve manifold
- 20 Ra, EP wetted finish



Clean diaphragm valves automatically



Clean interior and exterior of hoses

# SANI-MATIC

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## Fully Automatic Model

- Controls consist of PLC with operator interface, sequenced cleaning cycles
- Motor starter disconnect
- Pneumatically actuated valves
- Automated chemical addition utilizing system conductivity analyzer and chemical pumps
- Automated temperature utilizing system heater and temperature controller
- Final rinse verification utilizing system conductivity analyzer
- Alarm monitoring
- Optional batch cycle report



## Semi-Automatic Model

- Controls consist of digital run timer and on-off switches
- Motor starter disconnect
- Hand actuated valves
- Timed pump start and stop
- Automated chemical addition utilizing system conductivity analyzer and chemical pumps
- Automated temperature utilizing system heater and temperature controller
- Final rinse verification utilizing system conductivity analyzer



## Manual Model

- Controls consist of on/off switches
- Motor starter disconnect
- Hand actuated valves
- Operator provided chemical addition
- Optional temperature control and indication



## Custom and Standard Basket Designs

- Reduce handling, damage and lost parts
- Organize disassembled parts in matched sets
- Customizable handles, dividers, lids and feet
- Teflon feet



URWB-1



URWB-2



URWB-5



URWB-6



URWB-7

**SANI-MATIC**