



B I O - P H A R M

# PHARMiCAB

*A Repeatable and Effective Automated Cleaning Solution*

**Sani-Matic's PHARMiCAB** is multi-purpose cabinet washer engineered to thoroughly clean a wide variety of items such as trays, pans, pots, buckets, totes, drums, tableting parts, hoses and utensils using a repeatable, automated process. Our exclusively designed rotating spray bars ensure that cleaning solutions are evenly distributed inside the washer, providing complete and consistent coverage. Our unique rack-on-a-cart design improves cleaning efficiencies by reduced handling, minimizing cross-contamination, and maximizing the number of units cleaned per documented cleaning cycle.

## Advantages of the PHARMiCAB

- Consistent, repeatable results from a controlled process
- Allows higher temperatures and stronger concentrations while minimizing worker exposure
- Replaces manual cleaning with a repeatable, documented cleaning process
- Reduces labor costs, minimizes chemical usage, and lowers water and utility costs



## Standard Features

- 316L SS cabinet, 25 Ra
- Custom-designed rack-on-a-cart
- Active sprays on cart
- Self-cleaning, hinged door with inflatable door gasket
- Pre-piped, centrifugal supply pump
- Electric heater
- Hydraulic, rotating spray bars on top and sides
- Allen Bradley PLC automated controls
- Motor starter/disconnect
- Pre-programmed wash cycles
- Chemical feed system

## Options:

- 20 Ra or electro-polished finish
- Steam heater
- Dryer system
- Printer



*Rotating spray bars and dryer nozzles*

*Quick disconnect on spray bars allows easy access and inspection*

**SANI-MATIC**

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## Convenient Sanitary Handling

Every Sani-Matic PHARMiCAB comes with a custom rack-on-a-cart designed specifically for each customer's unique application needs. Interchangeable shelves and fixtures are designed to be easily reconfigured to accommodate multiple items and optimize loading onto the rack. The rack is locked securely on the heavy-duty cart, making it easy to transport items back and forth between the production area and the PHARMiCAB. The cart is designed to easily and securely dock into the rails inside the cabinet without the need for a ramp. Once locked in place, the pre-loaded rack can then be released from the cart and easily rolled into the washer for the cleaning cycle while the cart remains outside - eliminating cross-contamination from floor residue.

- Eliminates repetitive handling of items to be cleaned
- Prevents cross-contamination from floor residue
- Active sprays on rack ensures full coverage of washed items



*Versatile racks are designed to meet custom cleaning needs for a variety of items.*



*The rails accept the rack-on-rollers at the same level as the cart. No dangerous ramps.*



*Cart docks and locks to cabinet rails. Rack is released to roll easily into washer.*

## Documentation

- Operation and maintenance manuals
- Recommended spare parts list
- Instrument lists
- Instrumentation calibration procedures
- Performance data
- Material certificates
- Weld qualification and inspection records
- Inspection test results, reports and certificates
- ASME data
- Component catalog cut sheets
- As built assembly drawings
- As built process and instrumentation diagrams
- As built electrical drawings
- Annotated PLC ladder diagrams

### OPTIONAL

- (FRS) Functional Requirement Specifications
- Control System Design Specification (HRS and SRS)
- (FAT) Factory Acceptance Test report
- (SAT) Site Acceptance Test document
- IQ/OQ Installation and Operation Qualification
- Traceability matrix
- ISA Data Sheets
- Cleaning and passivation report
- Digital weld video record (Borescope)

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