



D403 SERIES  
WASHER  
DECONTAMINATOR

[www.nsc-betterbuilt.com](http://www.nsc-betterbuilt.com)



## D403 SERIES WASHER DECONTAMINATOR

The BetterBuilt Model D403 Series Washer provides safe and efficient cleaning of surgical instruments and utensils. Greater throughput and flexible programming options are designed to best meet clinical needs.

### Choice of Cabinet Configurations

The D403 Series Washer is available in single or double-door pass-thru models, for recessed or free-standing installations. Automatic Power Vertical Doors (equipped with an Air Cushion Safety System) are standard.

### Maintenance and Replacement Parts

A preventative maintenance program is required for warranty purposes and is available from a local service agent. All BetterBuilt washers use microprocessor program controllers for long life and ease of service diagnostics. All components are non-proprietary and are available from local suppliers or the factory.

### Flexible Cycle Options

A wide range of options makes the D403 Series Washer as versatile as it is efficient. Cycle options include enzyme treatment, alkaline or acid detergent, neutral pH solution and instrument lubrication. A Thermal Rinse of up to 194° F / 91° C is followed by complete drying. In addition, a Cold Water Tempering Valve reduces the temperature of all drain solutions to 140° F (or local codes). The dryer can be provided as a non-vented system which requires no additional duct work or it can be supplied as a vented system connected to the building HVAC.



### Micro-processor

Cycles and communication features are controlled by micro-processor. Each cycle can be preset for time, temperature, multiple washes, multiple rinses, chemical additives, exhaust and water saving for maximum efficiency. Programmed wash cycles are protected via pin number access, ensuring up to 11 levels of security. Pre-set temperatures for wash and rinse cycles are guaranteed and are verified with our alarm logging capabilities. Recording of wash cycle data is now available digitally with our optional compact flash card or with our Ethernet connectivity to PLC data retrieval option.





### **Automatic Load and Unload**

Pass-Thru Models are equipped with Automatic Power Vertical Doors with interlocks to prevent cross contamination from the load side. Optional fully automatic loading and unloading systems are available for ease of handling and high-capacity requirements.

### **Noise Reduction**

Component selection and design engineering insure that sound levels around the washer are kept below 70dB.

### **Versatile Loading Racks**

The four level loading rack accommodates up to eight (8) full-size instrument trays per load.

Two (2) fixed rotary arms and three (3) removable spray arms provide excellent spray coverage to all parts of the load.



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### APPLICATION

The BetterBuilt D403 Series Washers are automatic, heavy duty, multi-cycle, single chamber, cabinet type, washers using rotary spray-arms at the top and bottom of the chamber as well as on each loading rack level.

Note: Vertical door in the raised position will require an overall height of 93.5" (237.5cm). Due to continued engineering improvements, specifications are subject to change without notice.

### CHAMBER

MODEL	W x H x D
D403	27 x 28 x 27" 686 x 711 x 686mm

### OVERALL

W x H x D
42 x 78 x 34" 1067 x 1981 x 864mm

### STANDARD FEATURES

- Floor Mounted
- All Stainless Steel Construction
- Insulated Double Wall Cabinet and Door(s)
- Stainless Steel Mirror Finished Chamber
- Automatic Pneumatic Vertical Lift Door(s)
- Stainless Steel Pump and Circulatory Piping
- Multi-level Spray Rack System
- Top and Bottom Rotary Spray Arms
- Temperature Guarantee During All Cycle Phases
- Water Conservation System
- Drain Discharge Cool Down
- Fully Drained and Flushed Solution Sump
- Automatic Sump Level Control
- Exhaust Relief Vent
- Double Level Debris Screens in Wash Chamber
- 5 Chemical Injection Ports, Contacts and Fittings
- Illuminated Chamber Interior
- Emergency Stop Button at Door(s)
- Automatic Multi Phase Treatment Cycles
- 8 Fully Adjustable Programmed Cycles
- Multi-cycle Microprocessor Control System
- 5" TFT Colour Touchscreen Control Panel
- Program Security via Pin Number Access
- Built-in Advanced Diagnostics
- Non-proprietary Components

### OPTIONAL FEATURES

- Single Door or Two Door Pass Thru
- Left or Right Side Service Access
- Barrier Wall Trim to Close Wall Openings
- Seismic Anchors
- Drop Down Load and/or Unload Shelf
- Load and Unload Modules
- Multiple Washer Automation
- 36" Wide Cabinet for Side by Side Installations
- Water Supply Temperature Steam Booster (60°F to 180°F)
- Water Supply Temperature Steam Booster (120°F to 180°F)
- Water Supply Temperature Electric Booster (120°F to 180°F)
- Stainless Steel Steam Coil Sump Heating
- Electric Element Sump Heating
- Pneumatic Operated Exhaust Damper
- Exhaust Vapor Removal Condenser
- Power Exhaust Stainless Steel Blower
- Non-vented Drying Package
- Vented Drying Package
- Automatic Chemical Injection Pumps, Time Based
- Low Level Chemical Sensor
- PH Neutralization Probe
- Gentle Wash Low Pressure for Sensitive Loads
- Cold Water Inlet for Pre-wash
- DI Rinse Direct thru Plated Valve
- Shut-off Valves, Pressure Gauges, Water Arrestors
- Stainless Steel Control Guard
- Impact or Thermal Cycle Data Printer
- Printer Cover
- RS485 Port for Remote Data Transfer
- Compact Flash Card for Data Collection
- PLC and Touchscreen Program Backup
- Ethernet Connectivity to PLC for Data Transfer
- Factory Ethernet Connectivity for Online Diagnostics
- Touchscreen Ethernet Web Server Connectivity
- Modem Connectivity for Factory Diagnostics
- Surge Protection
- MUNIS - Multiple Utility Network Interface System

### ACCESSORIES

H1L403	One Level Spray Rack	TC403	Transfer Cart
H2L403	Two Level Spray Rack	PTW403	Pass-thru Window
H3L403	Three Level Spray Rack	CON403	Rack Return Conveyor
H4L403	Four Level Spray Rack		

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