



G302
LABORATORY
GLASSWARE WASHER

www.nsc-betterbuilt.com



G302 LABORATORY GLASSWARE WASHER

The BetterBuilt G302 Laboratory Glassware Washer provides heavy duty cleaning performance, ease of use and long-term durability to meet the demands of today's busy laboratories. Available in either steam or electric heat, two chamber sizes and with an optional pneumatic pressurized DI final rinse tank.

High Pressure Spray with Total Coverage

Wash and rinse solutions are distributed by a combination of rotating spray arms for overall coverage, and individual spindle jets for interior coverage.

Heavy Duty Stainless Steel Pump

Our BetterBuilt G302 Model washer uses a 2hp stainless steel pump for excellent cleaning results.

Guaranteed Temperatures Throughout the Cycle

Chemical suppliers have specific temperature recommendations for best performance from their detergents. Our micro-processor control system allows the user to preset the correct solution temperature for each step of the wash cycle and for guaranteed bacteria kill during the final stage.

Touchscreen Controls

The touchscreen controls allow the user to easily select from 8 pre-programmed cleaning cycles. The easy to read information screen shows the current operating cycle and stage, actual temperature and time remaining.

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.



LOADING EQUIPMENT & ACCESSORIES



BRH-3 Bottom Rotary Header



SH-25 Spindle Header 25 Position



SH-49 Spindle Header 49 Position



SH-81 Spindle Header 81 Position



TT-3 Transfer Cart (Shown with Headers)

Solid Construction for Durability

All BetterBuilt washers are built with durability in mind. Cabinets and doors are fully welded and polished to a satin finish. The complete fluid circulation system, including pumps, flanges, pipe connections, and loading equipment is constructed of type 304 stainless steel for compatibility with all types of detergents. Type 316 stainless steel is available as an option. No plastic or rubber piping connections are used.

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.



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APPLICATION

The BetterBuilt G302 Washers are automatic, heavy duty, multi-cycle, single chamber, cabinet style, hydro-spray washers using a combination of rotary spray arms and individual spindle jets for complete coverage.

Note: Add 26" to exterior cabinet height with optional DI final rinse tank. Dimensions are maximum opening. Load size must be smaller to allow for clearance. Due to continued engineering improvements, specifications are subject to change without notice.

	INTERIOR CHAMBER	EXTERIOR CABINET
MODEL	W x H x D	W x H x D
G302	25 x 26 x 25" 635 x 660 x 635mm	43 x 70 x 39" 1092 X 1778 X 991mm

STANDARD FEATURES

- Single Door Cabinet, Floor Mounted
- All Stainless Steel Construction
- Insulated Double Wall Cabinet and Door
- Manual Drop-down, Hinged Door
- Automatic Sump Level Control
- Stainless Steel Sump Steam Coil Heating
- Top Rotary Spray Arm
- Adjustable Spray Patterns
- Glass Hold-Down Screen
- Temperature Guarantee During All Cycle Phases
- Fully Drained & Flushed Solution Sump Between Cycle Phases; No Carry Over
- Water Conservation System
- Double Level Debris Screens in Wash Chamber
- Drain Discharge Cool Down
- Chemical Injection Ports, Contacts and Fittings
- Illuminated Chamber Interior
- Automatic Multi Phase Treatment Cycles
- Multi-cycle Microprocessor Control System
- 8 Fully Adjustable Programmed Cycles
- 5" LCD Monochrome Touchscreen Control Panel
- Program Security via Pin Number Access
- Built-in Advanced Diagnostics
- Emergency Stop Button at Door
- Non-proprietary Components

OPTIONAL FEATURES

- Left or Right Side Service Access
- Barrier Wall Trim to Close Wall Openings
- 19" High Wash Chamber
- Seismic Anchoring
- Electric Water Supply Temperature Booster
- Electric Element Sump Heat
- Automatic Chemical Injection Pumps, Time Based
- pH Neutralization Probe
- Low Level Chemical Sensor
- Cold Water Inlet
- DI Final Rinse Direct thru Plated Valve
- DI Final Rinse Delivered from Pressurized Tank
- Jet Wash Pulse Action for Tall Vessels
- Stainless Steel Control Guard
- Ethernet Connectivity to PLC or Touchscreen
- Factory Ethernet Connectivity for Online Diagnostics
- Modem Connectivity for Factory Diagnostics
- PLC and Touchscreen Program Backup
- Compact Flash Card for Data Collection
- RS485 Port for Data Download
- Impact or Thermal Cycle Data Printer
- Printer Cover
- MUNIS System - Multiple Utility Network Interface System
- Surge Protection

ACCESSORIES

SH-2	2 Spindle Header	SH-36	36 Spindle Header	SH-210	210 Spindle Header
SH-4	4 Spindle Header	SH-49	49 Spindle Header	BRH-3	Bottom Rotary Header
SH-9	9 Spindle Header	SH-81	81 Spindle Header	PH-3	Pipette Header & Basket
SH-16	16 Spindle Header	SH-110	110 Spindle Header	TC-4	Transfer Cart
SH-25	25 Spindle Header				

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