



Model G124P

- Thermal Disinfection, 85°C \pm 0.1°C
- 7 Factory Pre-set Programs
- Stainless Steel Chamber AISI 304
- 2 Liquid Chemical Dosing Pumps



Model G224P

- Thermal Disinfection, 95°C \pm 0.1°C
- 9 Factory Pre-set plus 6 User Defined Programs
- Stainless Steel Chamber AISI 316
- 2 Liquid Chemical Dosing Pumps



Model G224DPC

- Thermal Disinfection, 95°C \pm 0.1°C
- 9 Factory Pre-set plus 6 User Defined Programs
- Stainless Steel Chamber AISI 316
- 2 Liquid Chemical Dosing Pumps
- Eco-Slim Steam Condenser
- Forced Air Drying, 40°C to 120°C

**G100 & G200 SERIES
GLASSWARE
WASHERS**

www.nsc-betterbuilt.com



G100 SERIES & G200 SERIES GLASSWARE WASHERS

The BetterBuilt G100 and G200 Series Glassware Washer are designed for cleaning and disinfection in the laboratory, life science, pharmaceutical and healthcare sectors. A range of machines and specifically designed accessories meet the different needs of end users.

Automatic Washing and Disinfection

The automatic washing process of the BetterBuilt glassware washers guarantees extremely high performance ensuring excellent controllable results, verifiable and repeatable. Each phase of the cycle uses approximately 10L of pre-filtered fresh cold water, which is then completely drained via the drain pump at the end of the phase. To ensure constant spray pressure and quality cleaning, the wash pump is continuously monitored for proper functionality.

Programmable Washing Cycles

The heart of the BetterBuilt under counter glassware washers is the modern control system with microprocessor which controls every function and monitors the washers operation. Our G100 Series offers 7 factory pre-set programs and our G200 Series offers 9 factory pre-set programs plus 6 user defined programs. Each program is capable of 10 wash phases, one or more can be rinse phases with either cold or DI water.

Controlled Detergent Dispensing

Washing effectiveness is first and foremost based on proper execution of the detergent and neutralizing phases of the material treated. All non "P" models are equipped with an alkaline powder detergent dispenser and peristaltic pump for acid neutralizer. Optional peristaltic dosing pumps are available for alkaline detergent, anti-foam solution and caustic soda.

Wide Range of Washing Accessories

BetterBuilt offers a wide range of specific racks and accessories. Particular attention to shapes and sizes of glassware ensures that accessories are easily interchangeable. All accessories are dimensionally compatible with the various models.

Common Features

- External cabinet including rear panel 304L stainless steel
- Microprocessor controlled, LED Display
- Top Mounted Spray Arm
- Peristaltic liquid dosing pump for acid neutralizer
- Thermal shock prevention
- Water flow regulation for upper and lower wash levels
- 2 washing levels utilizing spray arms and/or spindle racks
- Integrated water softener with regeneration salt sensor
- 4 recirculation water filters
- Separate cold and DI water connections
- Electronic door lock with automatic unlock at end of cycle
- During operation, maximum 50dB @1M from washer
- Electrical connection 3ph/208V/60Hz/6kW

Key Features - G124 Models

- Max. Thermal Disinfection, 85°C ±0.1°C
- 7 Factory Pre-set Programs
- Internal Chamber 304L Stainless Steel
- Up to 2 Dosing Pumps

Key Features - G224 and G236 Models

- Max. Thermal Disinfection, 95°C ±0.1°C
- 9 Factory Pre-set plus 6 User Defined Programs
- Internal Chamber and Door 316L Stainless Steel
- Up to 3 Dosing Pumps
- Forced Air Drying, 40°C to 120°C
- Serial Port RS232 Connectivity
- Integrated Chemical Storage Cabinet (G236 only)

G124 Models

G124, G124P



23.62" W x 33.46" H x 23.62" D
600 W x 850 H x 600 D
Nt. Wt. 70 kg / 154 lb

G224 Models

G224, G224C, C224P, G224PC
G224D, G224DC, G224DP, G224DPC



23.62" W x 33.46" H x 23.62" D
600 W x 850 H x 600 D
Nt. Wt. 70 kg / 154 lb

G236 Models w/Storage

G236D, G236DC, G236DP, G236DPC



35.43" W x 33.46" H x 23.62" D
900 W x 850 H x 600 D
Nt. Wt. 95 kg / 209 lb

D = Forced Air Drying System P = Alkaline Dosing Pump C = Eco-Slim Steam Condenser

Multiple Loading Configurations

Flexibility provided by the 2 independent washing levels allows for multiple types of glassware per load. The upper level rack can be removed to accommodate taller glassware on the lower level.

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Spindle Washing



Spindle Washing (Mixed Load)



Spray Arm & Spindle Washing

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Spindle Washing



Spray Arm Washing



Spray Arm & Spindle Washing



G100 & G200 SERIES GLASSWARE WASHERS

APPLICATION

The BetterBuilt G100 and G200 Series of Glassware Washers with drop down door are automatic, multi-cycle machines for undercounter or freestanding installations. Capable of cleaning on 1 to 2 levels using spray arms and/or spindle racks, with multiple configurations available for maximum capacity.

TECHNICAL FEATURES

Description	G124	G224	G224D	G236D
Electronic Microprocessor Control, LED Display	X	X	X	X
7 Factory Pre-set Programs	X	-	-	-
9 Factory Pre-set + 6 User Defined Programs	-	X	X	X
Max. Thermal Disinfection, 85°C ±0.1°C	X	-	-	-
Max. Thermal Disinfection, 95°C ±0.1°C	-	X	X	X
Top Mounted Spray Arm	X	X	X	X
Peristaltic Liquid Dosing Pump for Acid Neutralizer	X	X	X	X
Up to 2 Dosing Pumps Integrated on the Washer	X	-	-	-
Up to 3 Dosing Pumps Integrated on the Washer	-	X	X	X
Integrated Water Softener with Regeneration Salt Sensor	X	X	X	X
Electronic Door Lock with Automatic Unlock at End of Cycle	X	X	X	X
Thermal Shock Prevention	X	X	X	X
4 Recirculation Water Filters	X	X	X	X
Integrated Detergent Storage Cabinet	-	-	-	X
RS232 Serial Port for PC or External Printer	-	X	X	X
Options				
Eco-Slim Steam Condenser	-	X	X	X
Peristaltic Dosing Pump for Alkaline Detergent	X	X	X	X
Peristaltic Dosing Pump for Anti-foam Solution	-	X	X	X
Peristaltic Dosing Pump for Caustic Soda	-	X	X	X
Safety Aqua Stop	X	X	X	X
Booster Pump for Non-pressure DI Water Supply	X	X	X	X
Ethernet Connectivity for Factory Troubleshooting	-	X	X	X
Remote Control and Traceability Software	-	X	X	X
Thermal Printer	-	X	X	X
Top Panel for Built-in Installation	X	X	X	X
Storage Base with Lockable Door	X	X	X	X
Equipment Stand	X	X	X	X
1ph/120V/60Hz Supply Conversion Kit	X	X	X	X
Drying System				
Forced Air Drying, 40°C to 120°C, Pre-filtered Class C 98%	-	-	X	X
Upgrade to HEPA Filter, Class S 99.995%	-	-	X	X
Water Supply				
Consumption, 10 L, 2.7 gal per fill	X	X	X	X
Cold Water Inlet, 3/4" hose threaded	X	X	X	X
DI Water Inlet, 3/4" hose threaded	X	X	X	X
Recirculation Pump, 400 L/min, 106 gal/min (flow rate)	X	X	X	X
Discharge Pump, 18 L/min, 5 gal/min (flow rate)	X	X	X	X
Drain Connection, 1/2" hose	X	X	X	X
Steam Condenser Drain Connection, 1/2" hose	-	X	X	X
Construction				
External Cabinet 304L Stainless Steel	X	X	X	X
Internal Chamber 316L Stainless Steel	-	X	X	X
Internal Chamber 304L Stainless Steel	X	-	-	-
Electrical Power Supply				
3ph/208V/60Hz/6kW	X	X	X	X

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