



**GENEVA SCIENTIFIC**  
LAB EQUIPMENT SOLUTIONS

**FlaskScrubber Vantage Series Glassware Washer**



Model	FlaskScrubber Vantage
Exterior Dimensions (WxDxH)	32.2" x 27.8" x 32.2-36.1"
Weight	294lbs
Max temperature	93°C
Style	Freestanding
Electrical	115V, 60Hz or 230V, 50/60 Hz
Heating Phase	Single or Three Phase
Viewing Window	Yes

**Purpose**

\*These laboratory glassware washers include a lower spindle rack and specialized features for contamination-sensitive research.

FlaskScrubber Vantage Series Glassware Washers have specialized features for contamination-sensitive research. They are designed to wash and dry narrow-neck and general purpose glassware. Able to reach wash temperatures up to 93° C (199° F) which can remove lipids and sanitizes glassware. Forced air drying with a 99.97% efficient HEPA filter removes airborne particulates. Users can increase capacity by adding an optional Upper Spindle or Standard Rack. A Lower Standard Rack may be used instead of the Lower Spindle Rack to provide even more versatility

Utilizing a brilliant 5" touch screen display featuring CleanWorks OS, users have full control of wash parameters and washer settings such as water temperature, detergent and rinse aid amounts, wash and rinse times, and number of rinses. Store up to 200 user-set and 12 factory preset programs for reproducible protocols.

Up to 8 pure water rinses can be programmed. In addition, CleanPoint conductivity monitoring will measure water quality and skip unneeded pure water rinses. Data is exportable via USB or Ethernet. The viewing window with bright LED light allows you to see each cycle in progress

**Materials/Construction**

- \*Lower spindle rack, of 304 stainless steel, with 36 detachable large spindles, 18 glassware holders, 36 adjustable height clips, 10 small spindles with clips, 36 spindle plugs and 12 spindle arm plugs
- \*304 stainless steel exterior sides, top, door, tank, upper and lower wash arms
- \*Clear tempered safety glass viewing window and 25-watt LED interior light that illuminates the washing chamber
- \*One-piece, tool-free, stainless steel, fine mesh particle drain filter
- \*Four leveling feet offering increased height adjustability
- \*Aluminum-back insulation and fiberglass thermal blanket
- \*Factory-installed drain hose and band clamp
- \*Two year warranty on parts and labor
- \*Made in the USA
- \*IQ/OQ available

# FlaskScrubber Vantage Series Glassware Washer

## Performance

- \*Water temperature up to 93° C (199° F)
- \*Steam generator that produces hot vapor to help remove stubborn labware contaminants
- \*Pump rated at 96 gal/min (363 L/min) when operated at 208/230V, 50 Hz and 112 gal/min (424 L/min) on 208/230V, 60 Hz
- \*Synchronous drain pump rated at up to 4.2 gal/min (16 L/min)
- \*Purified water pump to bring non-pressurized purified water into the tank for up to eight pure water rinses
- \*HEPA-filtered forced air drying into the tank and through spindles programmable up to 240 minutes and up to 80° C (176° F). HEPA filter is 99.97% efficient on particulates 0.3 micron
- \*Electronic door latch featuring SpeedVent Technology to facilitate faster drying
- \*Water conductivity monitor featuring CleanPoint pure water saving technology
- \*Automatic liquid detergent and rinse aid dispensers with peristaltic pumps
- \*Detergent dispenser for powder or liquid detergent
- \*Level-sensing 6 ml rinse aid solution dispenser
- \*Operation at or below 62 decibels

## Controls/User Interface

- \*Full color touch screen display with CleanWorks OS providing full user control
- \*12 factory-set programs: RINSE ONLY, PLASTIC, GLASS, GLASS PLUS, LIFE SCIENTIFIC, ANALYTICAL, INTENSE, EXTREME, DRY ONLY, ECO WASH, CLEAN WASHER, CLEANPOINT. Up to 200 user-defined programs
- \*Clear and specific alarm displays
- \*Calibratable setpoints such as: temperature, fill volume, conductivity, detergent dispensing
- \*Remote email monitoring of washer
- \*Self diagnostics to aid in servicing and troubleshooting
- \*Password protection to secure washer from unauthorized changes
- \*User configurable delayed start (up to 12 hours)
- \*USB/Ethernet data output

## Standards conformance & regulations

- \*UL Standard 61010-1
- \*CAN/CSA C22.2 No. 61010-1
- \*CE Conformity marking (230V, 50/60 Hz models)
- \*Suitable with ADA-height casework

## Options include

208/230V single-phase (2 kW) and three-phase (6 kW) electrical

## Optional accessories

- \*Upper and lower Standard and Spindle Racks
- \*Baskets and inserts
- \*Glassware Holders
- \*Base Stand
- \*Freestanding-to-mobile Conversion Kits
- \*Drain Water Cooling Kits
- \*LabSolutions detergents and rinse
- \*WaterPro® RO System



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Specifications are subject to change without notice.  
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