

Cole-Parmer® Glassware Washers

Save time and money cleaning glassware

- Utilize a minimal amount of water while providing consistent cleaning action
- Adjust washer conditions to your needs—temperature range of 84°F (29°C) to 158°F (70°C) with six wash cycle options
- Customizable to your needs—interchangeable racks for an assortment of glassware
- Durable polished 304 stainless steel construction with insulated sidewalls and door for added energy savings

Order drying options, spindle racks, and other customizing accessories below.
Note: Spindle-ready washers all require 220 VAC wiring.

What's included: utility terminals, hoses, drain line, and upper/lower general-purpose racks.



98950-30 shown with spindle racks

Cole-Parmer®

Specifications

Chamber dimensions (W x H x D):

21½" x 25¼" x 19" (54.6 x 64.8 x 48.3 cm)

Glassware clearance

Upper rack: 10¼" (26.0 cm)

Lower rack: 12¾" (32.4 cm)

Tap and DI water supplies

Rate: 2 GPM (8 LPM) Pressure: 18 to 60 psig†

Fittings: ¾" GHT (hose thread) for 115 VAC models;

¼" ID hose for 230 VAC models (hose supplied)

Water temperature: 84 to 158°F (29 to 70°C)

Drain line: ¾" ID tubing or larger (included)

Washer type	Water consumption per load tap; DI/distilled	Exterior dimensions (W x H x D)	VAC	Hz	Watts**	Amps	Shpg wt lb (kg)	Catalog number	Price
General-purpose washers									
Undercounter	Minimum: 1.3 gal. (5 L); 0.7 gal. (2.5 L)	24" x 34¼" to 36½" x 24½" (61 x 87 to 92.7 x 62.2 cm)	115	60	1400	15	165 (75)	GY-98950-01	
			220	50	1400	10		GY-98950-05	
Free standing	Maximum: 4.3 gal. (5 L); 1.3 gal. (5 L)	24" x 38¾" to 40"± x 24½" (61 x 97.5 to 101.6± x 62.2 cm)	115	60	1400	15	220 (100)	GY-98950-11	
Spindle-ready washers									
Undercounter	Minimum: 1.3 gal. (5 L); 0.7 gal. (2.5 L)	24" x 34¼" to 36½" x 24½" (61 x 87 to 92.7 x 62.2 cm)	220	50	1400	15	175 (80)	GY-98950-20	
Free standing	Maximum: 4.3 gal. (5 L); 1.3 gal. (5 L)	24" x 38¾" to 40"± x 24½" (61 x 97.5 to 101.6± x 62.2 cm)	220	50	1400	15	230 (104)	GY-98950-30	

†Contact our Application Specialists if DI pressure is insufficient.

‡Includes casters.

††Water heater only.

Spindle Racks for spindle-ready washers

Each rack has 22 spindles with plastic tips to protect the glassware.

Description	Catalog number	Price
Lower rack, full size; must be used with rack 98951-51	GY-98951-50	
Upper rack, full size; must be used with rack 98951-50	GY-98951-51	
Lower rack for tall glassware, full size; must be used without an upper rack	GY-98951-52	

Accessories for all washers on this page

Description	Size	Catalog number	Price
Stainless steel basket with top; 8"L x 8"W x 4"H (20.3 x 20.3 x 10.2 cm)			
Holds miscellaneous items, inserts on either upper or lower rack	Half	GY-98950-74	
Rack inserts			
Holds 18 BOD bottles, inserts on either upper or lower rack	Half	GY-98951-60	
Holds petri dishes, inserts on either upper or lower rack	Half	GY-98951-64	
Holds 32 small graduates, inserts on either upper or lower rack	Half	GY-98951-70	
Holds 5 flasks (300 to 1500 mL), inserts on lower rack	Half	GY-98951-72	
Holds 150 culture tubes (to 75 mm), inserts on either upper or lower rack	Quarter	GY-98951-80	
Holds 150 culture tubes (to 105 mm), inserts on lower rack	Quarter	GY-98951-81	
Holds 150 culture tubes (to 165 mm), inserts on lower rack	Quarter	GY-98951-82	
Open basket with handles, inserts on either upper or lower rack	Quarter	GY-98951-84	
Holds 20 bottles (500 mL), inserts on either upper or lower rack	Full	GY-98951-90	
Retainer top; 20"L x 20"W x 12"H (50.8 x 50.8 x 30.5 cm)			
For use with rack insert models 98951-70 and -72	Half	GY-98951-74	

Drying Options

[GY-98950-40](#) Factory-installed heated dryer cycle, 1-hour extra cycle

Glassware Washer Detergents

No grimy residue

Nonfoaming Powder

Detergent removes grease, agar, and protein digestives. Does not promote leaks within the washer.

Low-Foaming Liquid

Detergent provides removal of a wide range of contaminants while rinsing off completely. Noncorrosive formulation is safe for use on stainless steel, glass, or plastic.

Neutralizing Acid Rinse provides pH correction due to alkaline detergents. Easily and safely removes hard water, mineral, and lime scale deposits.



Description	Package	Catalog number	Price
Nonfoaming powder, 140 loads	Small pail	GY-98963-95	
Nonfoaming powder, 400 loads	Large pail	GY-98963-96	
Low-foaming liquid, 180 load	1 gal. (3.8 L) bottle	GY-98960-75	
Neutralizing acid rinse, 6 fills	34 oz (1 L) bottle	GY-98960-76	

Laboratory Glassware Washers

Get even narrow-neck glassware clean

- Fit more in each cycle—no center tower to get in the way
- Configurable to your needs—interchangeable racks for your specific needs
- Easily clean narrow-mouth glassware with 36 detachable spindles
- Use factory-preset cycles or customize your own

Washer features two pumps, one for washing and one for draining, to reduce possibility of cross-contamination. Fine mesh drain filter captures debris inside unit to protect the pumps from damage. Increased water temperature allows for glassware sanitization and better cleaning. Steam generator penetrates and removes dried residue, and the built-in purified water pump allows you to use a nonpressurized purified water supply.

What's included: washer with 304 stainless steel 36-spindle lower rack, eighteen glassware holders, thirty-six glassware clips, ten small spindles, four leveling feet, and utility hookup terminals.



Specifications

ISO9001:2008
CERTIFIED SUPPLIER



Chamber dimensions (W x H x D):

22 $\frac{5}{8}$ " x 18 $\frac{1}{16}$ " x 21 $\frac{5}{16}$ "
(57.5 x 47.5 x 54.1 cm)

Glassware clearance:

18 $\frac{1}{16}$ " (47.5 cm)

Washing temperature†

115 VAC models: 180°F (82°C)
208/240 VAC models: 199°F (93°C)

Hot water supply

Flow: 1.25 GPM (4.7 LPM)
psi: 20 to 120
Inlet: $\frac{3}{8}$ " NPT(F) fitting

DI/distilled water supply

Flow: 0.9 GPM (3.4 LPM)
psi: 0 minimum
(can pump from reservoir)

Drain line: $\frac{3}{4}$ " ID tubing

Washer type	Water consumption per cycle	Exterior dimensions (W x H x D)		Shpg wt lb (kg)	115 VAC, 60 Hz				208/240 VAC, 50/60 Hz			
		in.	cm		Watts	Amps	Catalog no.	Price	Watts	Amps	Catalog no.	Price
Washers without window												
Undercounter	3.4 gal. (12.9 L)	24⅞ x 34⅞ x 27⅓ ₃₂	61.3 x 86.7 x 69.6	165 (75)	1200	16	GY-98963-00		2000	12	GY-98963-05	
Freestanding		24 ⁷ / ₃₂ x 34 ⁷ / ₃₂ x 27½	61.5 x 86.9 x 69.9	220 (100)	1200	16	GY-98963-10		2000	12	GY-98963-15	
Washers with window and interior light												
Undercounter	3.4 gal. (12.9 L)	24⅞ x 34⅞ x 27⅓ ₃₂	61.3 x 86.7 x 69.6	175 (80)	1200	16	GY-98963-20		2000	12	GY-98963-25	
Freestanding		24 ⁷ / ₃₂ x 34 ⁷ / ₃₂ x 27½	61.5 x 86.9 x 69.9	230 (104)	1200	16	GY-98963-30		2000	12	GY-98963-35	

†Minimum inlet water temperature: 120°F (49°C)

Description	Application	Included components	Number accepted		Catalog number	Price
			Upper	Lower		
Lower standard rack	Holds large items and optional inserts	—	—	1	GY-98963-61	
Upper standard rack with side rails	Holds large items and optional inserts	—	1	—	GY-98963-64	
Lower spindle rack	Direct injection cleaning and drying	36 removable spindles, 36 adjustable height clips, 10 small spindles, 18 glassware holders, spindle removal tool, 36 nylon plugs	—	1	GY-98963-66	
Upper spindle rack	Direct injection cleaning and drying	30 removable spindles, 30 adjustable height clips, 10 small spindles, 15 glassware holders, spindle removal tool, 30 nylon plugs, wash arm	1	—	GY-98963-62	
Glassware clip, 4"	Holds glassware over spindles, allows for height adjustment	—	—	—	GY-98963-91	
Glassware clip, 6"	Holds glassware over spindles, allows for height adjustment	—	—	—	GY-98963-92	
Pipet holder, vertical	Injection clean up to eight 10-mL pipettes	—	—	4	GY-98952-69	
Pipet holder, diagonal	Injection clean up to sixteen 50-mL pipettes	—	—	4	GY-98963-89	
10-pin insert rack	Pins hold a variety of glassware	—	2	2	GY-98962-66	
32-pin insert rack	Pins hold a variety of glassware	—	2	2	GY-98962-68	
48-pin insert rack	Pins hold a variety of glassware	—	1	1	GY-98963-63	
Retainer top	Holds plastic and lightweight glass in place in 10- and 32-pin insert racks	—	2	2	GY-98962-70	
Culture tube insert	144 tubes, 15 to 18 mm dia	—	2	2	GY-98962-80	
Culture tube insert	105 tubes, 20 to 24 mm dia	—	—	2	GY-98962-82	
Culture tube insert	242 tubes, 10 to 12 mm dia	Retainer top	2	2	GY-98963-85	
Retainer top for culture tube insert	Holds culture tubes in place	—	—	—	GY-98962-84	
Bulk tube insert	Clean large quantity of test tubes	—	2	2	GY-98963-93	
Petri dish insert	Holds up to 24 petri dishes, wash glasses, and microtiter plates	—	1	1	GY-98963-86	
BOD bottle insert	Holds up to 18 bottles	—	2	2	GY-98963-87	
DNA sequencing plate insert	Holds up to 6 electrophoresis plates, 10" x 16 $\frac{5}{8}$ "	—	—	1	GY-98963-88	
Tray insert	Holds up to 5 trays	—	—	1	GY-98963-90	
Utensil basket	Mesh container for spatulas	Retainer top	4	4	GY-98962-72	
Utensil holder	Holds spatulas and other utensils	—	—	1	GY-98963-94	