



SCIENTEK

Glassware Washers

SW3000 Series

Ensuring efficient washing for all your laboratory equipment

SCIENTEK SW3000 Series Washers are heavy duty, reliable hydro-spray washers designed for ease of use with minimal maintenance. The balanced hydro spray system holds glassware in place without the need for hold-down screens minimizing glassware breakage. These washer provide the highest cleanability of labware items used in research and other types of laboratories including laboratory glassware, instruments, and plasticware. Rotary spray arms located in the top and bottom of the chamber provide complete and consistent coverage. A variety of interchangeable headers fitted with spray arms or spindles connect directly by a quick-lock connection to the washer. Baskets and wheeled headers can be pre-loaded on the drop down door, which acts as a convenient loading platform. SCIENTEK standardizes on non-proprietary parts on all equipment providing maximum uptime.

Key Features

- PLC control system with HMI Touch Screen with user configurable cycles
- Temperature guarantee
- Insulated construction
- Electrically or steam heated
- Standard and customizable loading racks

Construction

SCIENTEK SW3000 Series Glassware Washers are provided with an all stainless steel drop-down door with glass window. Recirculated water is heated by a stainless steel steam coil to achieve guaranteed treatment temperatures. A touch screen control panel provides a user-friendly interface for selecting, programming, and monitoring cycles. Unit is provided with a stainless steel treatment pump with a direct read pump pressure gauge. Additionally there are two chemical pumps for time based chemical dispensing.

SCIENTEK offers SD8000 and SD9000 model dryers as companion units to the SW3000 Glassware Washers for faster glassware processing.

Optional Features

- Right or left hand services
- House hot water heat exchanger
- Drain discharge cooling - injected
- Devapourmatic System (no exterior exhaust)
- Seismic Tie Down
- Chemical Level Monitoring System
- Direct DI or pure water final rinse

Accessories

SCIENTEK washers accommodate 4 accessories per load in any combination. Standard and customizable racks are available.

Spindle Headers

- 4 position (12" diameter)
- 25 position (5" diameter)
- 49 position (3 3/8" diameter)
- 81 position (2 3/4" diameter)

For 3000 only:

- 110 position (2 3/16" diameter)
- 210 position (2 1/2" diameter)

Accessories *cont*

Wire Holding Screens

- 25 spindle header & 6" spindles
- 25 spindle header & 13" spindles
- 49 spindle header & 6" spindles
- 49 spindle header & 13" spindles

Baskets & Covers

- Test tube basket (6" x 6" x 6")
- Test tube basket cover (6" x 6")
- Test tube basket (9" x 9" x 6")
- Test tube basket cover (9" x 9")
- Open basket (12 1/2" x 25" x 6")
- Open basket (25" x 25" x 6")
- Multi purpose basket (12 1/2" x 25" x 6")
- Multi purpose basket (25" x 25" x 6")

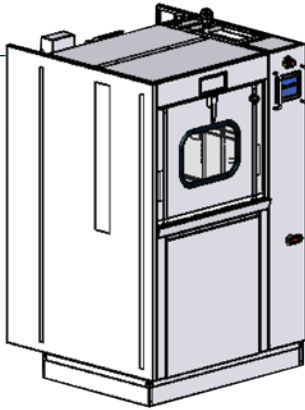
Utilities

Electrical (E)	3-60-208/480V, 9HP
Hot Water (HW)	½" NPT, 30 PSI, 12 GPM @ 120° F ± 5° F (12 gallon sump capacity)
Cold Water (CW)*	½" NPT, 30 PSI, 12 GPM @ 60° F ± 5° F
Steam (S)	1" NPT, 30-60 PSI, Dynamic ± 5 PSI, 200 #/Hr Flow Rate
Condensate (C)	Sump heater: ½" NPT (return to boiler rec.), 1 GPM Heat exchanger: ¾" NPT (return to boiler rec.), 1 GPM
Air (A)	¼" NPT, 80-120 PSI, 1 Cubic Foot Per Cycle
Drain (D)	12" x 12" Floor Sink with 4" Floor Drain (minimum), 180 GPM Flow Rate
Vent (V)	12" x 4" ID Duct, 300-500 CFM, Saturated Vapor @ 190° F

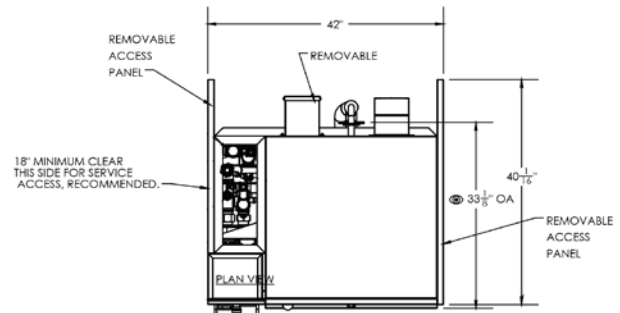
*CW - Required if drain discharge cool-down package ordered

Model	Standard Chamber Size W x H x D	Standard Unit Size W x H x D	Configuration	Pump
SW3000	27" x 21.5" x 27"	42" x 64" x 37"	Single Door	7.5 HP
SW3000PT	27" x 21.5" x 27"	42" x 64" x 37"	Pass-through	7.5 HP
SW3002	27" x 21.5" x 27"	42" x 64" x 37"	Single Door	2 HP
SW3002PT	27" x 21.5" x 27"	42" x 64" x 37"	Pass-through	2 HP

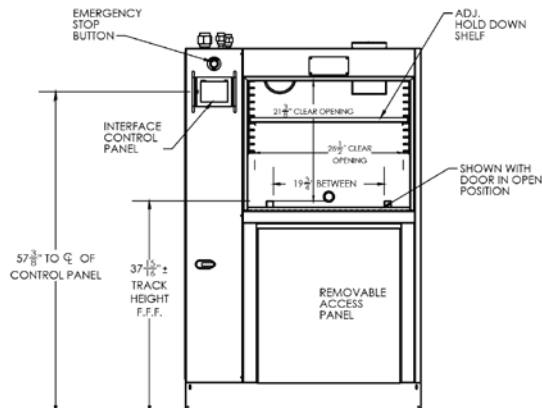
Representative Drawings



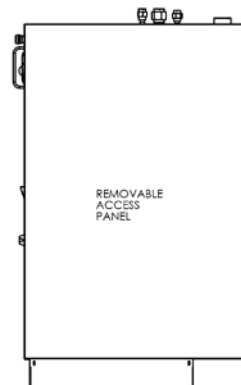
Top View



Front View



Side View



SW3000 shown, contact your representative for other model drawings.

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