



Seattle Technology
3915 152nd St NE
Marysville, WA 98271

1.800.827.3747

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Product Overview

The AMSCO 3052 Single-Chamber Washer/Disinfector is designed for use in the cleaning and intermediate-level disinfection of soiled reusable utensils, trays, bedpans, and urinals. It can also be used for rubber and plastic goods, simple hard-surfaced rigid surgical instruments (such as forceps and clamps) and other similar and related articles found in healthcare facilities. The AMSCO 3052 Washer/Disinfector powers away soils with STERIS's exclusive Category 6 spray arm technology. The 3052 Washer/Disinfector is compliant with ANSI/AAMI ST15883-2 and ISO 15883-2 standards for thermal disinfection.



Steris Amsco 3052 Washer

Features

- **Productivity:**

Fast, 35-minute instrument cycle processes up to (6) trays simultaneously

- **Flexibility:**

Multi-function, three-level rack provides maximum flexibility for processing a wide range of items per cycle

- **Efficiency:**

Environmentally friendly design uses minimal utilities versus other washers in the same class

Specifications

- **Exterior Dimensions:**

- (H x W x D) 42 x 80 x 31"
(1067 x 2032 x 787 mm)

- **Interior Chamber Dimensions:**

- (H x W x D) 26-1/2 x 26-1/4 x 26"
(673 x 667 x 660 mm)

- **Load Height:**

- 31" (787 mm) above finished floor

Utility Requirements:

Hot, Cold, and Pure Water; Steam; Condensate Return: 1/2 NPT

Air: 1/8 NPT

Ventilation: 3" (7.6 cm) O.D.

Specifications Continued on Next Page

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Specifications Continued

● Utility Requirements Continued:

Drain: Recommended minimum 4" (10.2 cm) floor drain. A 8 x 8" (20.4 x 20.4 cm) floor sink is also recommended.

● Safety Features:

Vertical Chamber Doors: Equipped with an obstruction sensor to detect any door obstruction. If an obstruction is present the door automatically opens.

Safety Lockout Feature: Cycle cannot start unless the door is fully closed.

Door Interlock Feature: Prevents cross-contamination. Door interlock feature allows only one door to be opened at a time whenever power is on.

Safety Spot Pushbuttons: One on the load and one on the unload side, automatically stop all unit operation when pressed.

Building Electrical Supply Disconnect Switch: Must be used to shut off power to the unit before servicing.

Audible Warning System: Included with the washer.

● Wash Chamber Construction

- 16-gauge, #3-4 L stainless steel, argon-welded and polished.
- Chamber is of sanitary-type design

● Wash Chamber Continued:

(horizontal fixed surfaces are sloped, overlapping metal sheets) for complete drain ability and to reduce hard-to-clean locations.

- Single-walled, insulated construction of the chamber exterior reduces heat loss and noise level to the work area.
- Rotary spray assemblies are positioned at the top and the bottom of the chamber, each measuring 24-3/8" (62 cm) long to reach all load surfaces, Spray assemblies are easily removable without tools to aid in cleaning and maintenance.
- 3-W LED light mounted within an explosion/vapor-proof enclosure, illuminates chamber interior.

● System Drying:

- The drying system is a manifold and circulates HEPA-filtered air through piping, accessories, and chamber for 1 to 60 minutes at low temperatures of 108°F (82°C) or 1 to 30 minutes at a high temperature of 240°F (115°C).
- The system includes a cold water condenser.

Specifications Continued on Next Page

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Specifications Continued

● System Drying Continued:

- The system includes a 3hp (2.2 kW), blower and three electric heaters totaling 11.4kW.
- The system heats and maintains chamber to 180-240°F (82-115°C).
- No additional ductwork is required.

● Pure Water Rinse Supply:

- Washer/disinfector is equipped with Pure Water Stainless-Steel Supply Valve.
- Pure water from the facility is sprayed over the load under pump pressure for 15 seconds (adjustable from 15 seconds to 15 minutes.).
- Up to four Pure Water Rinse treatments can be selected per cycle with recirculated water.
- Pure water can be used for thermal disinfection stage and is heated to 194°F (90°C) using either steam or electric heaters.

Drain Discharge Cool Down:

This feature assures water drained at the end of each phase, from the chamber sump to the building drain system, does not exceed 140°F (60°C).

If the water temperature in the sump is higher than 140°F (60°C), cold water is automatically

● Drain Discharge Cool Down Continued:

added to reduce the temperature of the water discharged into the building drain system.

● Sump:

- Constructed of #304 L Stainless steel with 9.5 gals. (36 L) capacity.
- Removable stainless-steel filter in chamber sump prevents debris from entering the pump and piping system.
- The heating coil at the bottom of the wash chamber (sump) raises and maintains water temperature up to 180°F (82°C) during the Wash phase and up to 194°F (90°C) during the Thermal Rise phase.

● Chemical Injection Pumps:

- Pumps are optimized to use Prolystica Ultra Concentrate chemicals. Each ultra concentrated product is 10 times more concentrated than an equivalent traditional product; so 10 times less chemical is injected per cycle.

Specifications Continued on Next Page

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Specifications Continued

● Chemical Injection Pumps Continued:

- The washer/disinfector comes with one enzyme and one detergent injection peristaltic pump which automatically add a selected quantity of chemical from 1/40 to 2oz/gal (0.2 to 16 mL/L)
- One injection peristaltic pump is dedicated to automatically add a selected quantity of lubricant during the Thermal Rise phase.
- Pumps are positioned near chemical containers.

● Microprocessor Control System:

- Equipped with a 5.7" (14.5 cm) touch-screen customer interface that is mounted at eye level beside the chamber door on both sides of the unit.
- Locking program cycle parameters with an access code.
- Service mode for preventive maintenance testing and facilitate troubleshooting.
- Built-in service diagnostic program to permit system calibration and verification of component operations.
- Security lock-out feature that enables programs and temperatures to be locked and unchangeable without the proper access code.
- Equipped with an audible warning system.

● Governing Directive for the Affixing of the CE Mark:

- Medical Devices Directive 2007/47/EC as amended by 93/42/EEC
- Machinery Directive 2006/42/EC
- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC – Class A, Group 1 ISM Equipment

● Standards Applied to Meet Performance Requirements and Safety:

- ISO 15883-1:2006, ANSI/AAMI ST15883-1:2009 and CAN/CSAZ15883-1:2009
- ISO 15883-2:2006, ANSI/AAMI ST15883-2:2013 and CAN/CSAZ15883-2:2009
- IEC/EN 61010-2-040 and CAN/CSA-C22.2 No. 61010-2-040, 1st Edition

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