

CleanTech® 4000S

Automated Handwashing Station

TECHNOLOGY FOR
HAND HYGIENE



The CleanTech® 4000S Automated Handwashing Station is designed for high volume, high frequency handwashing and accommodate up to 12 - 15 users per minute. Ideal for environments such as food processing, cleanroom, and pharmaceutical manufacturing where effective hand hygiene is critical. This 3-bay automatic handwashing station includes a self-cleaning feature and is housed in a stainless steel, floor-mount housing that is extremely durable.

Features

- 12-second wash and rinse cycle activates automatically via infrared photo-optical sensors
- 3-Bay Freestanding, 304 SST construction, NEMA 4X electronics enclosure
- Designed for high-use areas (12-15 people per minute)
- One drain, one hot & cold water line, and a single power source supplies all three bays
- Self cleaning cycle runs once per day
- Visible compliance monitor automatically counts number of hand wash cycles
- Washes up to mid-forearm
- LED light bar solutions level indicators

Enhancement Options

- Integrated Wetted Boot Dip Automated Footwear Sanitizing Pan
- Integrated Compressed Air Curtain
- Integrated Sole Clean Low-Moisture Automated Footwear Sanitizing Pan
- Plumbing shroud cover

Dimensions

56" width x 21 ½" depth x 48 ½" height

Water Consumption

0.6 gallons (2.3 L) per handwash cycle

Plumbing

2 each, ¾" male hose, hot and cold minimum 12 GPM (45 LPM) flow
40-100 PSI (2.8 - 6.9 Bar), 50 PSI (3.6 Bar) optimum water pressure
¾" (19 mm) inside diameter required for both hot & cold lines

Hoses supplied with station must be used for proper installation & operation

Consult Meritech if connecting more than two stations on the same water lines

Drain

Standard 1½" (40 mm) schedule 40 PVS drain stub. P-Trap to be supplied by facility. Ideal drain height 18-22" (46 - 56 cm) from floor.

Electrical

100-240 VAC, 50/60 Hz, 480 W (160 W per bay) — international plugs available

Weight

220 lbs. (100 kg) - varies with options

Shipping Weight

450 lbs. (204 kg) - varies with options

Compressed Air for Optional Integrated Air Curtain

¾" inside diameter supply line recommended, 50 SCFM at 25-30 for optimal performance, not to exceed 50 PSI. Air pressure regulator not supplied. Recommend installing external air pressure regulator on facility airline prior to system connection. Pressure must support all 3 bays in operation at once.

Solutions Storage

3 — 2½ gallon (10L) container of UltraPure Hand Hygiene Solution

3 — 1 gallon (3.8L) container of SelfClean Equipment Hygiene Solution

1 of each container per bay

Hygiene Solutions

This station is designed to consistently remove more than 99.9% of harmful pathogens from hands when used with UltraPure Hand Hygiene Solution and SelfClean Equipment Hygiene Solution from Meritech. Use of other solutions will void equipment warranty and will result in reduced efficacy.

Warranty

All Meritech equipment comes with 12-month limited warranty.

Made in the USA.



Increase hand wash compliance



Removes 99.9% of dangerous pathogens



Up to 15 hand washes per minute



Uses 75% less water



Produces 75% less waste

CleanTech® Automated Handwashing and Bootwashing Systems are protected by the following U.S. Patents:
U.S. Patent #5,265,628; #5,823,447; #7,607,442; #7,607,443; #7,617,830; #7,641,740; #7,659,824; #7,682,464; #7,698,770; #7,754,021; #7,754,022; #7,757,700; #7,758,701; other patents pending.



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