DECON™
EQUIPMENT WASHERS

TopClean D
SCBA and PPE Equipment Washers

MEIKO
The clean solution





TopClean D *cleans and decontaminates a wide range of equipment – from SCBA to tanks, masks, helmets, boots and other PPE.*

Overall dimensions:
40-1/2" W x 35-1/4" D x 70-5/8" H
(1,030 x 895 x 1,794 mm)

Special features:

- MEIKO's **ActivePlus** wash-water filter system creates the cleanest water possible by filtering tank water multiple times throughout the wash. Dirt, grime and toxins are washed out when the filter is backflushed at specific intervals.
- **Auto Safe** temperature control ensures a final rinse temperature of 105/120°F (40.5/49°C) regardless of the incoming water temperature (hot-water supply preferred).
- **Technology that gives you operating control and convenience.** Meet MIKE 2, the fully electronic control system from MEIKO. It's standard on DECON Series equipment washers. Choose from DECON's three wash programs with one touch on the keypad.
- **Soft Start** slowly engages the wash pump and gradually builds water pressure to help prevent PPE from moving on the rack.
- Built-in **booster heater with power rinse pump** ensures final rinse pressure and temperature, for consistent, high-quality cleaning results.

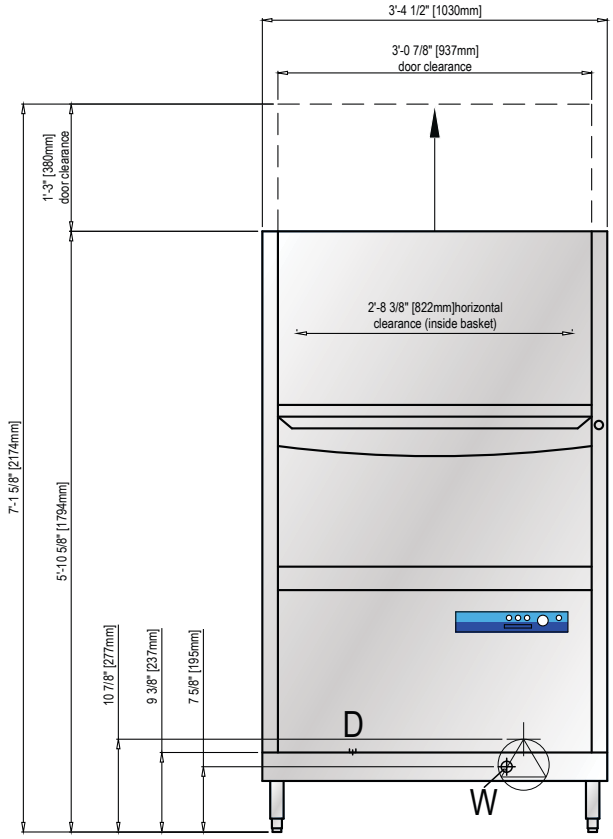
Standard features:

- **20 cycles per hour** using just 2.37 gallons (8.97 liters) of water per cycle.
- **Variable program cycles for varying soil levels:** 3 min (105°F), 4 min (120°F) and 8+ min (120°F) *(includes an automatic water change for heavily soiled items)*.
- **Double-wall construction** provides extra insulation, keeps heat inside the machine so it's cool to the touch, conserves energy and reduces noise.
- **Corrosion-resistant** 304 and 316L stainless steel construction.
- Stainless steel **non-clogging wash and rinse arms.**
- **Type A air gap system.**
- **Machine shutdown automatically initiates a rinse cycle** for the entire wash chamber to help make cleaning easier.
- **Custom stainless steel basket with mask holder inserts.**
- **Oscillating wash arms provide** complete coverage of gear - even in the corners!
- **Built-in, fully automatic** liquid detergent and rinse-aid pumps.
- **Powerful 3½ hp (2.6 kW)** wash pump. **Pumped drain** for floor and wall drain applications.
- **Fully automatic fill, start, dump and refill,** as well as automatic reset.

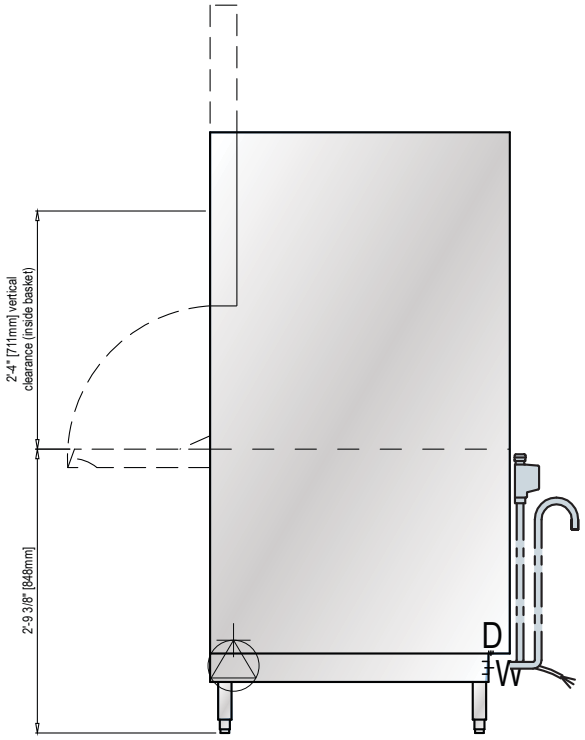
Optional features:

- **Power vent option** (indirect connection). If a direct vent connection is required, please contact MEIKO at sales@meiko.
- **Tool basket.**
- **Mask heads.**
- **Flanged, bolt-down feet.**
- **Boot and glove holder attachment.**
- **External vent fan** control contacts.

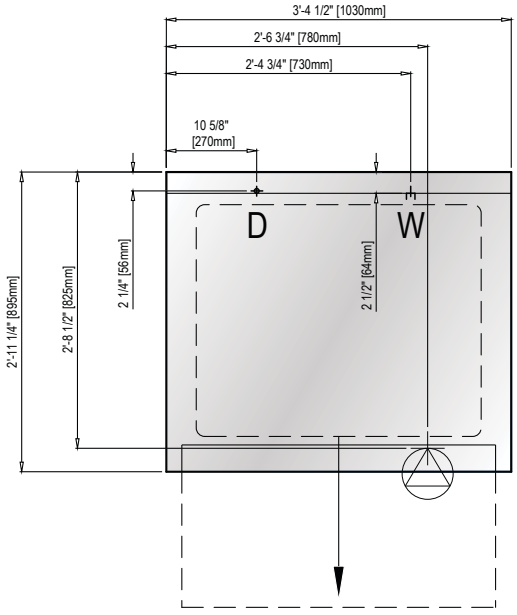
MEIKO | 1349 Heil Quaker Blvd | La Vergne, TN 37086 | (800) 55-MEIKO | www.meiko.us | sales@meiko.us



front elevation



side elevation



plan view

Electrical terminal block
Strain relief provided at lower rear of machine. Terminal block is located behind rear panel. Adequate slack in the wiring should be provided to allow the machine to be moved for servicing.

W **Fresh water connection**
3/4" female garden hose supply connection is provided. If using supplied external Y-strainer, female garden hose adapter may be removed to provide 1/2" NPT male or 3/4" NPT female connection as required. Supplied hose is 4' 7" (2,616 mm) in length.

D **Drain connection**
Requires indirect connection to 1-1/2" (38 mm) drain pipe (wall or floor). Supplied hose is 4' 7" (2,616 mm) long and should be cut to appropriate length at time of installation to allow machine to be repositioned for servicing.

NOTE: MEIKO's DECON Series equipment washers have been qualified by MSA to clean MSA G1 SCBA.

DECON EQUIPMENT WASHERS

TopClean D
SCBA and PPE Equipment Washers

MEIKO The clean solution

INSTALLATION REQUIREMENT!
CHECK YOUR DIMENSIONS!

The TopClean D machine may not fit through some standard doorways without being disassembled or having the doorway modifiied. It's imperative that you check your dimensions carefully prior to ordering.

For help, please contact MEIKO at:
(800)55.MEIKO | e-mail us at: sales@meiko.us.

TopClean D serial number: _____

TopClean D is a multi-purpose washer for a wide variety of SCBA and PPE Equipment. ETL-listed.

Operating voltage:

☐ 208-230V/60Hz/3Ph ☐ 460V/60Hz/3Ph

Technical features:

Cycle capacity:
Cycles per hour ---------- 20

Minimum cycle time (seconds):
Wash cycle ---------- 147
Dwell/drain time ---------- 21
Rinse cycle ---------- 12
Total cycle ---------- 180

Water requirements:
Incoming water temperature (optimum) ---------- 100°F (38°C)
Recommended water hardness ----1- 6 grains per U.S. gal. (3.8 liters)
Water consumption per cycle ----------2.37 gals. (8.97 liters)
Water consumption per hour (max.) -------- 47.40 gals. (179.43 liters)
Flow pressure ---------- ----- 8.7-72.5 psi (0.6-5.0 bars)
Incoming water line ---------- 3/4" garden hose
Drain line size ----------7/8" ID, 1-1/8" OD flexible hose
Common drain adapter ----------1-1/2" (40 mm) PVC
Maximum drain flow rate ----------33 gals. (124.9 liters) per minute

Optimal operating temperatures:
Wash cycle ---------- 105/120°F (40.5/49°C)
Rinse cycle ---------- 105/120°F (40.5/49°C)

Tank capacities:
Wash tank ---------- 22.45 gals. (85 liters)
Booster heater ----------4.14 gals. (15.67 liters)

Electrical requirements:
Wash tank heater ---------- 9 kW
Booster heater ---------- 6 kW
Wash pump ---------- 3-1/2 HP (2.6 kW)
Drain pump ---------- 0.09 hp (0.07 kW)

Power System	Max. Amps @ 208V and 460V	Max. Protective Device Ampacity
208/230V/60Hz/3PH	46.5	60 AMPS
208/230V/60Hz/3PH	32.9	45 AMPS*
460V/60Hz/3PH	24.8	35 AMPS
460V 60Hz /3PH	17.2	25 AMPS*

Dimensions (W x D x H):
Machine --- 40-1/2" W x 35-1/4" D x 70-5/8" H | (1,030 x 895 x 1,794 mm)
Inside basket--32-3/8" W x 26-1/2" D x 70-5/8" H | (820 x 670 x 710 mm)
Wall clearance ----- Rear (behind machine); 1" minumum required (25 mm)
Inside clearance height----------16-9/16" (420 mm)

Machine/Shipping details:
Shipping Weight ---------- 776 lbs. (352 kg)
Shipping Size ------ 49"W x 44"D x 76"H (1,245 x 1118 x 1931 mm)

Three variable program cycles: 3 min (105°F), 4 min (120°F) and 8+ min (120°F). Longer cycles are designed to provide extended wash time for heavier-than-normal soil loads.

It uses 2.37 gallons (8.97 liters) of fresh rinse water per cycle. It features front-mounted microcomputer controls including one-touch selection cycle choice and digital temperature displays.

ActivePlus, a built-in two-stage filter system continually filters the wash water and periodically flushes dirt and debris out of the machine throughout the wash cycle. A built-in final rinse pump ensures consistent water consumption and final rinse results, regardless of variations in water supply pressure.

The wash cycle will automatically be extended if needed to ensure that final rinse water reaches a temperature of 105/120°F (40.5/49°C).

Soft Start slowly engages the wash pump and gradually builds water pressure to help prevent PPE from shifting on the rack.

Aqua Stop automatically turns off the external fill valve if an internal leak is detected, and provides toubleshooting messaging to the operator.

Built-in, **fully automatic liquid detergent and rinse-aid pumps** ensure proper dosing. If the detergent dispenser becomes empty, a sensor will provide a message to refill.

TopClean D has double-wall, insulated stainless steel construction on all exterior panels to keep the heat inside the machine, conserve energy and provide a cool-to-the-touch exterior.

One basket rack and 2 mask head holders are standard.

*Heat Interlock feature

MEIKO's proprietary Heat Interlock feature helps solve limited-power capabilities. It works by ensuring that either the booster heater alone (an internal water heater) receives power, or the wash tank heater receives power, but not both simultaneously. **For Fire Departments with limited power capability, the Heat Interlock feature means that TopClean D requires only 45 amps at the breaker.**

For Departments with water heaters a long distance from TopClean D, or those in climates that experience extreme cold, the Heat Interlock feature is disabled to allow both wash and booster heater to operate simultaneously. Units with 208/230V require 60A at the breaker. Either option (45 or 60 amps) will work for any Department, but the 60A version could potentially reduce the heating time between cycles in some circumstances. 460V units require 25-35A at the breaker.

MEIKO | 1349 Heil Quaker Blvd | La Vergne, TN 37086 | (800) 55-MEIKO | www.meiko.us | sales@meiko.us