

# TECHNICAL INSTRUCTION BULLETIN



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## How to Properly use your TruCLEAN® Mopping System for Optimum Performance

**SUBJECT:** TruCLEAN® Pro Double Bucket (No. 22-2)  
TruCLEAN® 2 Compact Mopping System (No. 30-2)

TruCLEAN® Pro Double Bucket mopping systems provide the ultimate in compact cleanroom cleaning technology. Designed to capture and isolate contaminants from cleaning and disinfecting agents. Easy-to-use and maintain, constructed of entirely autoclavable components.

Bucket beneath the wringer captures and isolates particulate and microbial contaminants from cleaning or disinfecting solution in other bucket. Buckets for No. 22-2 available in red, white, blue, green, yellow or any combination of these colors. No. 30-2 buckets available in red, white and blue or any combination of these colors.



### Disinfection Protocol on Pre-cleaned Surfaces:

1. Submerge mounted sponge mop and mop cover (No. 22-34 and 22-35) into front bucket in order to activate all cells of the sponge mop and cover. This process should take no more than 5 minutes.
2. Lift sponge mop out of solution and tilt mop frame on inside wall of bucket to release excess solution. Sponge is fully loaded and ready for application to floors, walls and ceilings.

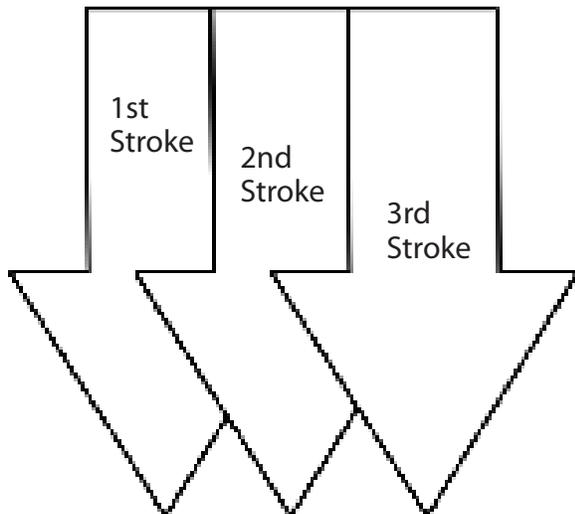
If dosing surface with contact time of 7 - 10 minutes or greater proceed directly to surface without wringing.

If dosing surface with contact time less than 7 - 10 minutes slightly wring sponge by applying minute force on the wringer handle. DO NOT APPLY EXCESSIVE FORCE on the wringer handle, since this will dry out the mop head and cause skipping/flipping of the sponge mop. More importantly, it will result in a non-uniform application of solution.

Utilize the PULL-LIFT technique - pulling the sponge mop towards you, lifting the sponge and over-lapping the previous stroke (see illustration below).

The cleaning flow should always begin with the cleanest area to the dirtiest. Start with the ceiling, then the walls, equipment (if applicable), and finishing with the floor. When dosing walls, never let the sponge mop touch the floor, you may transfer floor contaminants onto the wall. Apply the solution as recommended by your chemical supplier.

### ILLUSTRATION OF PULL-LIFT TECHNIQUE



Start your 1st stroke by lifting the sponge mop and placing it down on the surface at a manageable distance and pull towards you. Lift the sponge mop again (2nd stroke), placing it down at the start of the 1st stroke, only this time over-lapping the 1st stroke by about 10 - 20%, pulling the sponge mop towards you. Repeat.

- 3.** Wring out sponge mop thoroughly. DO NOT APPLY UNNECESSARY FORCE ON WRINGER HANDLE. Bucket beneath wringer isolates contaminants. Buckets are available in various colors for visually-coding the waste, rinse and solutions buckets. Minimizes operator confusion and provides management with visual compliance of in process cleaning.
- 4.** Refill sponge mop in front bucket by submersing only the bottom surface of the sponge mop, tilting mop frame on inside of bucket wall to remove any excess solution. Repeat steps 3 - 4.
- 5.** When finished, thoroughly rinse entire system, wipe dry. Apply an approved disinfectant onto the entire system (optional) or autoclave at 121° C for 30 minutes (optional).

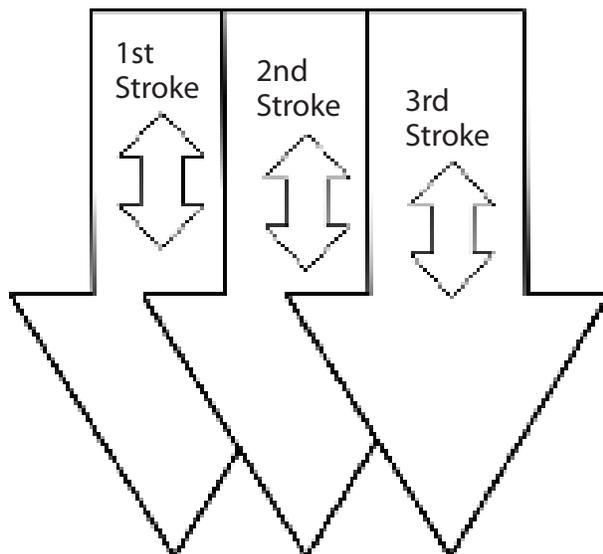
## Cleaning Protocol for Removal of Chemical Residue:

1. Submerge mounted sponge mop (No. 22-24) into front bucket in order to activate all cells of the sponge mop. This should take no more than 5 minutes. Unlike disinfecting or dosing, cleaning requires firm mechanical agitation of the surface and thorough collection of the contaminants. More frequent emptying of the waste bucket will be required.
2. Lift sponge mop out of cleaning solution and tilt mop frame on inside wall of bucket to remove excess solution. Sponge is fully loaded and ready to clean the appropriate surface.

Utilize the PULL-LIFT technique - pulling the sponge mop towards you, lifting the sponge and over-lapping the previous stroke (see illustration below). Be firm and agitate the surface with back and forth strokes, staying within the unidirectional flow.

The cleaning flow should always begin with the cleanest area to the dirtiest. Start with the ceiling, then the walls, equipment (if applicable), and finishing with the floor. Apply the solution as recommended by your chemical supplier.

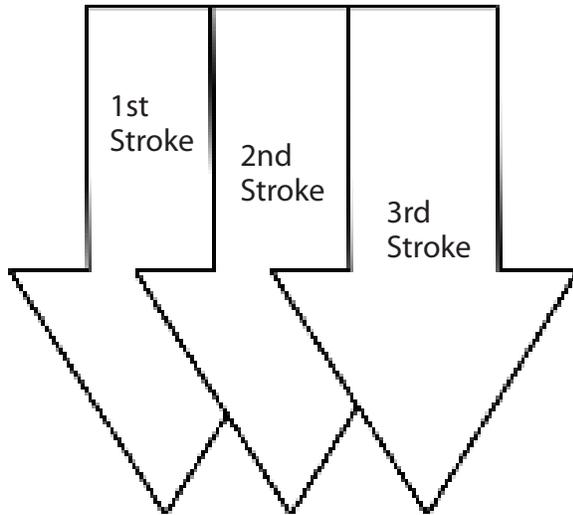
### ILLUSTRATION OF PULL-LIFT TECHNIQUE WHEN CLEANING



Start your 1st stroke by lifting the sponge mop and placing it down on the surface at a manageable distance, agitate the surface with short back and forth strokes as you pull the sponge mop towards you. Lift the sponge mop again (2nd stroke), placing it down at the start of the 1st stroke, this time over-lapping the 1st stroke by about 10 - 20%, agitate the surface with short back and forth strokes, as you pull the sponge mop towards you. Repeat.

3. Wring out sponge mop thoroughly. **DO NOT APPLY UNNECESSARY FORCE ON WRINGER HANDLE.**

4. Go back to the cleaned surface and wipe dry using the PULL-LIFT technique without agitation (see below). The No. 22-24 will collect the remaining residue and dry the surface.



Start your 1st stroke by lifting the sponge mop and placing it down on the surface at a manageable distance and pull it towards you. Lift the sponge mop again (2nd stroke), placing it down at the start of the 1st stroke, this time over-lapping the 1st stroke by about 10 - 20%, pulling the sponge mop towards you. Repeat.

5. Wring out sponge mop thoroughly. DO NOT APPLY UNNECESSARY FORCE ON WRINGER HANDLE.
6. Load sponge mop by submersing in cleaning solution, tilt mop frame on inside of bucket to remove any excess solution. Repeat steps 2 - 6.
7. When finished, thoroughly rinse entire system, wipe dry. Apply an approved disinfectant onto the entire system (optional) or autoclave at 121° C for 30 minutes (optional).

## FREQUENTLY ASKED QUESTIONS

**What causes the sponge mop to skip/flip?** Normally, skipping/flipping occurs when, (1) the sponge mop lacks lubricity - is not carrying enough solution, (2) the surface is drywall, with a flat coat of paint, or (3) the surface is extremely abrasive. We recommend using the TruCLEAN Mop Cover (22-35) which will extend the service life of the sponge, minimize residuals and deliver a smooth gliding action over almost all surfaces.

**Why does the waste bucket beneath the wringer require frequent emptying?** The waste bucket should not require frequent emptying when disinfecting surfaces. However, we do find cleaning technicians erroneously employ the "dip, wring & mop" method, widely performed when using a conventional mop and bucket. This technique should not be employed with our mopping systems. In essence they are transferring the contents of the front and center buckets, to the waste bucket. This not only leads to prematurely filled bucket, but also an improperly dosed surface, and waste of chemicals. When disinfecting controlled environments, it is imperative the proper contact value be applied to the surface.

Unlike disinfecting or dosing, cleaning requires firm mechanical agitation of the surface and thorough collection of the contaminants. More frequent emptying of the waste bucket will be required. Use our No. 22-24 TruCLEAN Hydrosorb Sponge Mop, which is specifically designed for use in controlled environments requiring rapid pickup.

**What causes rust spots or stains to appear on the stainless steel components?**

Whether you are using a brand cleaner, cleaner/disinfectant, sterilant/disinfectant, it is essential you thoroughly rinse and dry the components after use. This prevents residue buildup, reduces the risk of cross-contamination, and extends the service life of the mopping system. Please note, if you disinfect with sodium hypochlorite the service life of your equipment will be compromised. Rinsing is imperative.

**Are TruCLEAN® Mopping Systems and components autoclavable?** Yes, all TruCLEAN® products are compatible with gamma, ETO and autoclave sterilization - up to 250° F (121° C) for 30 minutes. Steam sterilization requiring 275° F (125° C) for 60 minutes and repetitive daily autoclaving will necessitate replacing the 3" casters with the 4" caster. Dampen systems, components and consumables prior to autoclaving.

**Do you have a non-swivel mop frame for use on ceilings and walls?** Yes, the No. 22-39 non-swivel mop frame is ideal for cleaning technicians who have difficulty controlling the swivel mop frame on the ceilings and walls. A red or blue handle can be used to help differentiate it from others in the tool cache. To prevent the swivel action, key spots are welded on the mop frame. Only a back and forth motion is enabled.

For additional questions or comments, please contact:

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