

PEAK PERFORMANCE WITH PREVENTATIVE ACTION

Monarch CleanStream from Air Techniques is an easy-to-use evacuation system cleaner that helps prolong vacuum life and keeps operatories running smoothly.





VIDEO

[Click here](#) to watch this video introduction of Monarch CleanStream.

'Gunk' Happens: Are You in Compliance?

Monarch CleanStream was formulated for best practice, even before an EPA compliance ruling.

The reason why dental healthcare providers purchase evacuation system cleaner for the operatory is similar to the reason why they might buy a cleaning kit for a coffee maker in the break room. The cleaning solution not only prolongs the life of the equipment and maintains performance, but also helps prevent buildup of waste and debris.

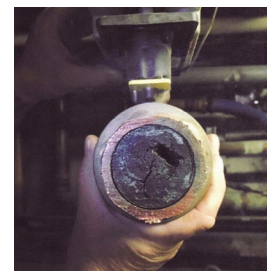
Still, dentists and hygienists might not give much thought to their evacuation system cleaner. Cleaning lines and hoses at the end of each day is part of the daily routine, and the product you've always used is the "status quo." But that's exactly why you should take a closer look. The status-quo product may not be the most efficient or compliant.

In July 2017, the U.S. Environmental Protection Agency (EPA) passed its [final rule](#) specific to Best Management Practices for Dental Amalgam Waste. This ruling affected how all dental offices handle and remove amalgam, as well as the line cleaners they use. Specifically, the ruling prohibited the use of bleach and chlorine-containing cleaners that may lead to the dissolution of solid mercury when cleaning chairside traps and vacuum lines. The ruling further stated that "...vacuum lines that discharge amalgam process wastewater to a POTW [publicly owned treatment works] must not be cleaned with oxidizing or acidic cleaners, including but not limited to bleach, chlorine, iodine, and peroxide that have a pH lower than 6 or greater than 8" ([40 CFR 441.30\(b\) \(2\)](#)).

Just like coffee machine companies also sell their own descaling solutions, Air Techniques, a company that manufactures dental vacuums, began selling CleanStream in 2005 and branded it under the Monarch name in 2013. The EPA's ruling a few years later further validated Air Techniques' safe, effective evacuation system cleaner that's



MOJAVE LT Dry Vacuum System from Air Techniques



Ineffective evacuation system cleaners, or lack of cleaning regimen, can result in clogged vacuum lines.

been environmentally friendly upon introduction.

Monarch CleanStream is formulated from years of experience and research. It provides a unique, non-foaming solution that cleans and deodorizes lines for all brands of wet and dry vacuum systems. It has a pH of 7-8 (diluted), does not contain any oxidizing agents, and is non-corrosive.

Monarch CleanStream is most effective when used with the CleanStream Dispenser, which makes mixing simple and fits all HVE and saliva ejector tubings. The dispenser aspirates the solution into a fine mist for complete inner-tubing wall coverage without adding stress to the vacuum pump. It automatically dispenses the right amount of solution for up to two operatories, with no monitoring needed. Monarch CleanStream's concentrated formula is economical and lasts up to 5 days if pre-mixed, while yielding 125 cleanings per bottle.

DAILY CLEANING INSTRUCTIONS

Air Techniques recommends cleaning each operatory once per day. [Read their cleaning instructions](#), which were developed to ensure the best cleaning results.



5 Key Features of Monarch CleanStream

- 1 Prolonged vacuum life and uninterrupted workflow
- 2 Easy-to-use dispenser cleans two operatories with one bottle
- 3 Works for both wet and dry vacuum systems
- 4 Non-foaming, non-enzyme based neutral pH
- 5 Non-hazardous

VIDEO DEMONSTRATION

[Click here](#) to see how Monarch CleanStream evacuation system easily fits into your daily routine.



Foam Doesn't Mean Clean

We've all been conditioned to equate foam with "clean," whether it's the foaming agent in our bathroom cleaner, or even the bubbles in our kitchen sponge. But when it comes to bubbles in dental vacuum systems, foam doesn't necessarily equate to clean. In fact, too much foam could overwork the system and damage it.

Patricia Pine, RDH, runs an OSHA camp for dental offices and prefers Monarch CleanStream evacuation system cleaner. She especially "loves" the fact that this product is non-foaming.

"Many evacuation cleaners have a lot of foam in them. So when I suck it down the

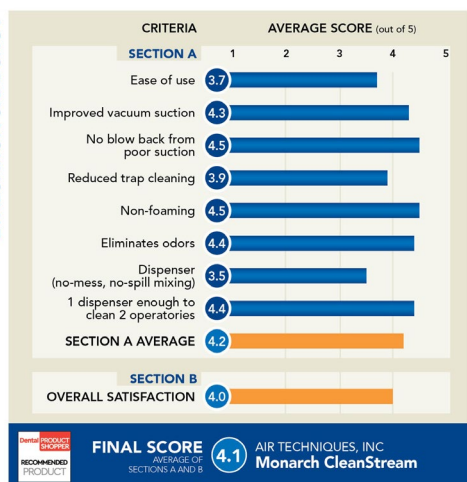
tubing, the vacuum keeps going but it's all foam, so is it really doing its job?" she asks. "I don't like that aspect, and it takes a little bit longer. I now know that it's wearing the machinery with all that foam...I would recommend Monarch CleanStream to my colleagues. It's easy to use, has a fantastic container going from operator to



operator, and it doesn't have the foaming action like other cleaners do to wear down the machinery, which we don't want. We want our production up and rolling, and we want to make sure that our machinery is operating the same way."

Pine also brought to light another downside to many cleaners on the market—the staff members' inability to tolerate the scent of the cleaner. "I can't take a lot of strong scents, and if I can't take it, how many other people can't?" she said. "It's really important to me that any type of product that we use, especially for vacuum suction, deodorizes at the same time and the scent is not that strong."

EVALUATION SNAPSHOT



PEER-TO-PEER EVALUATION

Monarch CleanStream by Air Techniques was evaluated by a combination of current product users and *Dental Product Shopper* evaluators in 2014. Evaluators liked that Monarch CleanStream was adaptable to every operatory and customizable to make cleaning as easy as possible. High marks were awarded for several criteria, including "improved vacuum suction," "no blowback from poor suction," "non-foaming," and "eliminates odors." As a result, Monarch CleanStream was designated a *DPS* "Recommended Product."

[READ THE FULL EVALUATION](#)

Monarch CleanStream

IMPROVES SYSTEM PERFORMANCE AND EFFICIENCY

Katie Scariot, RDH, has an important role at Ahoyt Family Dental in Plainfield, IL. Not only is she responsible for infection control and equipment maintenance, but she also takes an active role in ordering office supplies. Scariot recently met with an Air Techniques specialist who demonstrated Monarch products and provided samples. After just a few days, Scariot could tell the difference Monarch products made and wanted her whole team to experience the benefits. Below, Scariot describes how Monarch CleanStream evacuation system cleaner, in particular, has made a big difference in her daily routine.

When it comes to choosing an evacuation system cleaner, it's important that the product flushes out everything I need it to. Unfortunately, some patients will bleed more heavily after a procedure, and I want to make sure the product is working efficiently and everything is being cleaned out properly. Another quality that's important to me is that the product doesn't smell horribly like chemicals. I like when the solution smells pleasant and not like you're flushing chlorine through the lines.

Before I switched to Monarch CleanStream evacuation system cleaner, I had been using a different product for about 5 years. The previous product was a powder solution and I found that if I used too much, it would create too much foam and would subsequently slow down the vacuum system. Monarch CleanStream, in comparison, is a liquid solution, and because it's non-foaming, it's more efficient. I just pour the liquid into the water, attach the tubes to the respective adapters, and the solution does what it needs to do.

The thing I like most about Monarch CleanStream is its unique dispenser. I know I can clean two pumps at one time, so I don't constantly have to remember

"MY UNIT IS WORKING OPTIMALLY FOR ME EVER SINCE WE SWITCHED OVER TO THE MONARCH BRAND."

if I did one over the other, which makes my end-of-day routine faster and more efficient. It's easy to use with straightforward instructions, and the container prevents mess or spill. After one cleaning, I tip it over for the following day, so I have two days' worth of solution in my operatory. Monarch CleanStream is also more pleasant smelling than other products I've used in the past, which is a benefit in my daily routine.

I feel like I noticed the difference Monarch CleanStream made within a week. Everything is working properly as it should be, and there's no delay in suction. While I don't see blowback in vacuum suction happen often, I don't feel it's been a problem as it occasionally was in the past. We also recently switched from blue tablets to Monarch Waterline Treatment. I feel that Monarch products work well together and my system is now flowing better. My unit is working optimally for me ever since we switched over to the Monarch brand.

MIX, SHAKE, AND ASPIRATE

With Monarch CleanStream, removing debris from vacuum lines and preventing future buildup is as easy as 1, 2, 3.

1. Add 2 capfuls of CleanStream solution and 2 liters of cold water to the CleanStream Dispenser and shake.



2. To clean the first operatory, attach hoses and keep the dispenser upright. Half the solution will be automatically aspirated.



3. Carry the dispenser to the second operatory, attach hoses, and turn it on its side to aspirate the rest of the solution. Or, as hygienist Katie Scariot does, save the solution (in one operatory) for the following day's cleaning.





In addition to adopting Monarch equipment maintenance products, hygienist Katie Scariot has also switched to Monarch Surface Disinfectant Wipes. This is just one of the peer-reviewed products highlighted in the e-book "Beyond the Surface," which discussed how Air Techniques' Monarch Surface Disinfectants & Cleaners are making an impact in infection control and prevention.

Among the featured products, Monarch Vinyl Upholstery Cleaner and Monarch Hydrating Instant Hand Sanitizer each received a "Best Product" designation, while Monarch Surface Disinfectant Wipes were designated a "Recommended Product."

[DOWNLOAD THE EBOOK](#)

MEET THE MONARCH FAMILY

Air Techniques' Monarch family includes products for surfaces, instruments, equipment, and skin and hands, and uses a color-coded system for categories.



MONARCH INFECTION PREVENTION

It's easy to use the right product for the right job with Monarch's complete, color-coded system

Surface Disinfection & Cleaning

Surface Disinfectant

- 1 minute kill time
- Broad-spectrum efficacy: effective against TB, viruses, bacteria and fungi
- Low toxicity rating
- One step saves time and money
- Fragrance-free and bleach-free
- Wipes are available in large (6x6.75) and X-Large (7x9)

Vinyl Upholstery Cleaner

- Safely removes spots, stains and discoloration
- Maintains the integrity of the upholstery for longer life



Equipment Maintenance

CleanStream Evacuation System Cleaner

- Non-foaming cleaner designed for daily cleaning to remove debris and prevent future build-up in vacuum lines for all wet and dry vacuum systems
- Deodorizes lines
- pH 8 makes it compliant with new EPA ruling and compatible with all amalgam separators
- Bottle yields 125 cleanings

Waterline Cleaner

- Controls microbial contamination
- pH-neutral: non corrosive to equipment
- Doesn't leave residue in water bottle compared to tablets



Skin & Hand Protection

Hydrating Instant Hand Sanitizer

- Kills 99.99% of widespread germs
- Enriched with Aloe Vera to keep hands soft
- Evaporates quickly and completely
- Fresh apple scent

Revitalizing Hand Lotion

- Enriched with Aloe, Vitamin E and B complex to soothe chafed hands due to frequent hand washing
- Makes donning gloves easier
- Long lasting moisturizing effect
- Light citrus scent



Instrument Cleaning

Enzymatic Cleaner

- 5 specially selected enzymes.
- Completely penetrates, loosens, dissolves and removes oral contaminants prior to sterilization
- Enables complete cleaning—vital to properly sterilize instruments.
- Unit dose packs are perfectly sized for standard ultrasonic cleaners or holding tray baths
- Mixes instantly –doesn't leave residue
- Non-corrosive
- Tropical scent



Additional Resources

VIDEO TUTORIAL



[Click here](#) to watch Air Techniques' Monarch specialist Carly Fish demonstrate how to use Monarch CleanStream in a daily routine.

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EQUIPMENT](#)



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[MONARCH
KEY FEATURES
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