



STOP POURING MONEY DOWN THE DRAIN!

One of the leading service problems in dentistry today is the improper cleaning and maintenance of the vacuum system!

This can cause major accumulations of debris in the operatory suction lines and subsequently, a loss in vacuum system pressure, and the eventual breakdown of the entire system. After years of losing the battle to keep your vacuum system lines clean and maintain vacuum pressure, you finally have the ultimate weapon at your disposal! The next generation of treatment options has arrived, with these revolutionary Time Released Vacuum System Cleaning Tablets. They clean effectively throughout the day, preventing accumulations from ever taking place, and are guaranteed to keep your vacuum system running like new. No other product can match this powerful chemistry and unique delivery form. These clinically proven products quickly pay for themselves in the time they will save, by extending the life of valuable equipment and preventing service calls.

Why is an effective vacuum line cleaner so necessary?

- Debris such as fluorides, tissue, amalgam, air abrasion material, prophylaxis powders and bone fragments are drawn into the evacuation lines each and every day. If not removed, this debris can clog the system and cause an initial loss of suction, unnecessary stress on the main suction pump and may eventually cause its failure. Because this accumulation of debris happens over a long period of time, the degradation of suction power may not be noticeable until it is too late. This build-up also inevitably works its way into the chairside trap necessitating the use of a pair of pliers and screwdriver to remove the "disposable" solids collector.
- Organic substances that get lodged in the lines, such as tissue, bone fragments, impression material and saliva will begin to decay over time and can generate foul odors. Effective treatment options are proven to reduce and/or eliminate the odor causing materials before they begin to decay. This makes for a more pleasant work environment and a better presentation for your office by eliminating the cause of the odor at its source.



Vacuum Shock™

is the first step in completely cleaning the evacuation system and restoring suction pressure to "like new" levels. A maximum strength tablet designed for the initial or "pre" cleaning of the system. The Vacuum Shock tablet releases quaternary ammonium, a highly concentrated, industrial strength, chemical agent and cleaner. Vacuum Shock's extra power (ten times stronger than the weekly maintenance tablet), will strip the lines clear of age old debris that other evacuation system cleaners have failed to remove. The age of a vacuum system will determine the volume of debris extracted from the lines. The treatment of an older system will break up enough debris in each operator to necessitate emptying the main pump filter numerous times. While newer operatories may not have as much build up, they still require this highly effective pretreatment. Vacuum Shock will open the lines reducing stress on the vacuum pump and increasing vacuum pressure to all operatories. This tablet is safe, nonfoaming noncorrosive and nontoxic. Although Vacuum Shock is specified for initial cleaning, to maintain optimum performance of the vacuum system, it is recommended that this treatment be performed every 4 months.

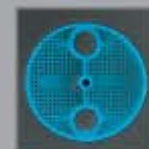
Vacuum Clean™

is the next step and the key to maintaining a clean, clear and problem free vacuum system. This time released tablet is activated when the high and low speed lines are in use during the day. Oral fluids and water pass over the tablet, slowly dissolving it and releasing the quaternary ammonium ingredient, which will prevent accumulations at the source. Furthermore, these active ingredients have residual activity even when the system is not in use and they have a neutral ph which is highly recommended by many dental associations to help reduce the dispersal of amalgam into local sewer systems. Placed in the chair side solids collector they also eliminate odor. Vacuum Clean tablets are the most convenient and effective delivery system on the market today, for evacuation system cleaning and maintenance. In just the few seconds it takes to place a tablet into the chair side solids collector, you can keep your evacuation system clear of debris ensuring it's maximum efficiency!



Pour & Clean™ Rinse

is the final step for complete system maintenance. Five tablets of Vacuum Clean convert into an inexpensive high powered cleaning rinse, (one ounce of liquid concentrate makes one gallon). Only two quarts (which costs approximately 13 cents) of rinse a day is necessary to flush the high and low speed lines, from the tip to the evacuation trap, of any debris that may have accumulated during the day. This simple procedure will keep the high and low speed lines clean and clear of debris!



vacuum shock	vacuum clean
pour & clean	shock & clean
evac screens	ejector screens



Shock & Clean™ Kit

The perfect way to get started with the most powerful evacuation system cleaning and maintenance products ever created! Clinically proven to be the only truly effective cleaning system.

These three steps will keep your evacuation system like new with very little effort, time or expense, while requiring a minimum amount of storage space. Other brands can not offer the ease, efficiency and cleaning power of the Vacuum Shock and Vacuum Clean Time Released Vacuum System Cleaning Tablets.

Shock & Clean™ Operatory KIT

Absolutely the best way to ensure the proper "recommended" dosage is utilized and that optimal results are achieved. Simply place a tube in each operatory and dispense 1 Vacuum Clean tablet per week, when the Vacuum Shock tablet is reached (after 16 weeks) it is time to "shock" your system. Once the system is "shocked" simply replace the tube and start the process over again - it couldn't be any easier. Whether purchasing an entire Shock & Clean Operatory Kit or Trial Tube, first time users of our product must "SHOCK" their system prior to using these products. PHC recommends using an individual Vacuum Shock tablet, in each operatory, prior to instituting our Shock & Clean system. For your convenience we offer Vacuum Shock tablets as a single-pack, 6-pack, 12-pack and 25-pack.



3546	Vacuum Shock™ (6 Tablets per jar)	\$34.20 ea.
3547	Vacuum Clean™ (45 Tablets per jar)	\$36.60 ea.
3547P	Pour & Clean™ Rinse (1 Dispenser Bottle)	\$8.25 ea.
3546K	Shock & Clean™ Kit (Contains all 3 Products)	\$64.95 ea.
3546O	Shock & Clean™ Operatory Kit (6 Tubes each containing 16 Vacuum Clean and 1 Vacuum Shock)	\$94.95 ea.
3546TK	Shock & Clean™ Trial Kit NEW! (1 Tube containing 16 Vacuum Clean and 1 Vacuum Shock)	\$17.95 ea.
3546T	Vacuum Shock™ NEW! (1 Tablet)	\$6.95 ea.
3546T12	Vacuum Shock™ NEW! (12 Tablets)	\$66.00 ea.
3546T25	Vacuum Shock™ NEW! (25 Tablets)	\$135.00 ea.

Evacuation Screens

Avoid contact with potentially hazardous material and reduce the possibility of infection and cross-contamination with these disposable screens. Color coded for easy identification.

1805	2 1/8" A-Dec w/plastic container (Blue)
1806	2 1/4" A-Dec w/metal canister (Yellow)
1807	1 7/8" Belmont, Biotec, Chayes, Dentech, DentalEZ, Pelton/Crane, Prima & others (Green)

\$50.85 ea.

Saliva Ejector Screens

Disposable. Aseptic. Keeps large debris from being aspirated and lodged in the lines.

1602	25 per bag	\$2.50 ea.
1602A	50 per bag	\$4.60 ea.
1602C	75 per bag	\$6.60 ea.
1602B	100 per bag	\$8.60 ea.
1602D	250 per bag	\$19.80 ea.



Vacuum Shock™ - Initial Precleaning Tablet **6 tablets per jar**

Instructions for use:

1. Turn off the main pump.
2. Insert one Vacuum Shock tablet into the chair side solids collector filter trap in each operatory.
3. Turn the main pump back on.
4. Start with the closest operatory to the main pump.
5. Fill a gallon container with the hottest tap water available.
6. Submerge the HVE line tip in the gallon container of water and draw the entire gallon of water through the line.
7. Turn main pump off.
8. Remove main pump filter trap, empty and rinse as necessary.
9. Reinstall main pump filter trap and turn main pump back on.
10. Return to the same operatory and fill a gallon container with the hottest tap water available.
11. Submerge the HVE line tip in the gallon container of water and draw the entire gallon of water through the line.
12. Turn main pump off.
13. Remove main pump filter trap, empty and rinse as necessary.
14. Reinstall main pump filter trap and turn main pump back on.
15. Continue to the next operatory moving away from the main pump and repeat steps 5 through 14 until all operatories have been treated.

If you do not have a vented HVE tip, suction may stop completely. If so, remove the line from the water momentarily to allow an air mixture into the line. Then submerge the HVE tip back into the remaining portion of the water. As the accumulation blockage is pulled through the lines you will feel the suction pressure increase at the tip of the HVE line.

Important: Follow manufacturer's recommended directions for liquid suction.

When completing these steps approximately 1/2 of the Vacuum Shock tablet may remain undissolved in the operatory trap. Allow this to remain in the trap over the next 3 to 5 days until completely dissolved. Then begin to use Vacuum Clean on a weekly basis. Periodontists, Oral Surgeons and offices using air abrasion units and fluorides should use Vacuum Shock treatments every two months to assure optimum vacuum system suction pressure. Operatories that see less volume and are used for exams only need to be treated every four months.

Vacuum Clean™ - Weekly Maintenance Tablet **45 tablets per jar**

Instructions for use:

1. Turn main pump off.
2. Insert one Vacuum Clean tablet into the chair side solids collector filter trap in each operatory.
3. Turn main pump back on.
4. The tablet is activated when the system is running and water or oral fluids passes over the tablet.
5. When the tablet has completely dissolved insert a new tablet (approximately every 5 days).

Pour & Clean™ Rinse - Rinse Treatment for the HVE and Low Speed Lines

Instructions for use:

1. Place (5) Vacuum Clean tablets into the 16 oz. tip and pour proportioning bottle.
2. Add 16 oz. of water (preferably warm to hot).
3. Let tablets dissolve.
4. Mix 1 oz. of concentrated solution with 1 gallon of water to create the cleaning and sanitizing rinse.
5. Draw 1 quart of rinse through the lines in each operatory to treat the HVE and low speed saliva ejector lines from the tip to the trap.

Shock & Clean™ Kit

1 jar (6 tablets) Vacuum Shock, 1 jar (45 tablets) Vacuum Clean and 1 Pour & Clean Bottle

Instructions for use:

1. Follow the directions for each individual product.

Shock & Clean™ Operatory Kit

6 tubes that each contain 16 Vacuum Clean tablets and 1 Vacuum Shock tablet

Instructions for use:

1. Follow the directions for each individual product.
2. Dispense 1 Vacuum Clean tablet per week, for up to 16 weeks, until they are depleted.
3. Dispense the one Vacuum Shock tablet at the end of that cycle (approximately 16 weeks).
4. Replace with a new tube and repeat cycle.

Troubleshooting: If there is a heavy accumulation of debris in the lines, it may be necessary to check the main pump filter to see if it needs cleaning prior to proceeding with the balance of your treatments. Accumulation differs from system to system and with the volume of patients you might see. Check the main pump filter frequently to avoid any problems. Older systems may need numerous cleanings in each operatory.