

Diamond-Zyme™ Enzymatic Cleaning Solution Concentrate



Perfect for Burs... Ideal for Everything Else!

Anticorrosive • Low-Foaming • Biodegradable



Use to Clean:

- Hand Instruments
- Diamond Cutting Instruments
- Carbide Burs
- Evacuation Systems
- Metal Impression Trays and More!

• Diamond Zyme™ is a concentrated enzymatic cleaning solution with anticorrosive agents that help to prevent dull or corroded dental burs and help prolong the life of dental burs, hand instruments and everything else.

• Diamond cutting instruments, carbide burs, hand instruments, metal impression trays and evacuation systems will benefit from this low-foaming solution that is effective in removing biofilm at a very low concentration. Using only 1/2 ounce per gallon, Diamond Zyme™ will save your practice money and extend the life of these valuable dental instruments.

• Diamond Zyme™ is delivered in a quart bottle with a measuring device that will mix sixty-four gallons of enzymatic cleaning solution.

• Diamond Zyme™ can be used as a holding or pre-soak solution, ultrasonic solution, and evacuation system cleaner.



MFG. NO. SIZE	EC-1200 1 Quart
Description	Concentrate
Package	Individual



Diamond Zyme™ is a trademark of AXIS Dental Corporation.

Product Specialist:
800.355.5063

For more information or to place your order, please contact AXIS Dental or your preferred authorized dealer.



Dentistry... your profession, our passion

Diamond-Zyme™ Suggested Procedures



Always wear protective eye wear, mask, gown, and utility gloves while handling contaminated instruments during reprocessing of instruments and cleansing of evacuation systems.



6. Examine the instruments for residual contaminants. If an instrument has residual bioburden, scrub only that instrument manually with a long handled brush and rinse.

Reprocessing Instruments



1. Remove cements and composite materials from the instruments at chair side immediately after patient care. Dispose sharps into a sharps container and saturated waste into a regulated waste container.



7. Set up instruments and dry them adequately before bagging in pouches for sterilization.



2. Sort out the contaminated instruments. Arrange the instruments in a cassette or tray to transport instruments for reprocessing (cleaning and sterilization of instruments).

Do not keep instruments in ultrasonic solution longer than directions indicate. Instruments are contaminated until the sterilization process is complete, therefore, use of a disinfectant as a presoak is redundant and not necessary. Always be careful while handling contaminated instruments to avoid injury and exposure. Empty, clean, rinse and dry the holding solution tubs and ultrasonic machines daily.



3. Place instruments in a presoak solution for 10 minutes. Ultrasonic solution is adequate, disinfectants are not necessary.

Evacuation Systems



4. Sonicate loose instruments for 10 minutes and instruments in cassette systems or bur blocks for 15 minutes. Do not keep instruments in solution for prolonged periods of time.



1. Dispose the suction tips and examine suction traps at the end of each day. Suction 1 quart of the mixed evacuation system cleaner through the HVE and SE combined. Wait 10 minutes and suction about 1 quart of tap water. If traps are blocked, replace trap before cleaning.



5. Rinse sonicated instruments thoroughly for at least 2 minutes to remove all loosened debris and/or contaminants, under running water (tap or a spray handle).



2. Blocked traps can reduce efficacy of the suction apparatus. Replace traps regularly if gross contamination is seen (weekly or monthly based on frequency of chair use for patient care).



3. Most manufacturers make inexpensive disposable suction traps. Clean suction traps improve the suctioning of saliva / debris as well as prolong the life of the suction pump.

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