

ELEMENTUM (for Manual & Ultrasonic Cleaning)

Item No. 54309

The only multi-tiered enzymatic detergent, optimized for AT-THE-SINK™ manual and ultrasonic cleaning of surgical instruments and endoscopes

Featuring 4 new molecules of enzymes created for the medical device cleaning market

Specifically developed using all new protease, amylase, lipase, and cellulase enzymes, and synergistically blended to produce the most powerful detergent for use on clinically-used surgical instrumentation

First and only enzymatic detergent to conform to ASTM D8179*

Best-in-class detergent with superior soil penetration and suspension; rapidly breaks down tough-to-clean medical soils including the multi-layers of bioburden and prevents redeposition

Features

- Clinically tested for use in manual cleaning AT-THE-SINK™ and in Ultrasonic Machines
- Enhanced enzymatic activity combined with super detergency rapidly removes protein-rich medical soils and bioburden
- Best in class:
 - Protease, Amylase, Lipase, and Cellulase Enzymes
 - Corrosion Inhibitors
 - Solubilizing and Suspending Agents
 - Advanced Detergency and Builders
- Instantly active; Constantly active; Begins cleaning on contact
- Low dilution rate @1/2oz to 1oz per gallon (4ml/liter – 8ml/liter)
- Highly effective in both hard and soft water and in all water temperatures
- Safe on all critical and semi-critical medical devices; will not harm any metals, plastic, rubber, corrugated tubing, glass or mirrors
- Neutral pH range, non-abrasive, low-foaming, free-rinsing, non-toxic, non-corrosive, and environmentally friendly
- Excellent for use AT-THE-SINK™ with Ruhof's DoseValet™ Pro Dosing System

Directions for Use

(Works in all water temperatures. 25°-30°C / 77°-86°F is optimal.)

Manual Cleaning

1. Add 1/2oz to 1oz Elementum per gallon of water (4ml/liter – 8ml/liter).
2. Submerge instruments and appropriate scopes to be cleaned. For scopes: suction or flush through channels per scope manufacturer's instructions.
3. Soak for 2 minutes (up to 5 for heavily soiled instruments) to remove organic soils.
4. Rinse thoroughly with tap, distilled or sterile water.
5. Discard used solution.

Ultrasonic Cleaning Devices:

1. Set dilution rate to 1/2oz to 1oz per gallon (4ml/liter – 8ml/liter).
2. Start the ultrasonic cleaner.
3. Penetrates instantly with superior results within 5 to 10 minutes.
4. Discard used solution.

*Standard Guide for Characterizing Detergents for the Cleaning of Clinically-Used Medical Devices

For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards volume information, refer to the standard's Document Summary page on the ASTM website.

See SDS for any regulatory information, and GHS safety directions

