




# instrument cleaning



advanced decontamination technology

*“ Cleanliness contributes to infection control, but preventing infections requires more than simple cleanliness ”*

D.O.H. report:  
Towards cleaner hospitals and lower rates of infection

 advanced decontamination technology, have developed a unique and highly effective range of cleaning and decontamination products that represent the latest advances in technology.

Each product in the comprehensive range has been specifically designed to assist in the control of potentially harmful pathogens and reduce the risk of cross infection.

When used separately, every product will give outstanding results but, when used together in their specific areas of use, the synergistic effect enhances performance providing users with an exceptional means of minimising healthcare associated infections.

Whilst the products are highly effective, they are also safe and pleasant to use, reducing health and safety implications and are not harmful to our environment.

All products are manufactured to ISO9002 and have been tested and approved to International quality standards. The range has also undergone stringent research to prove their efficacy and all referenced data is available on request.

# advanced surgical instrument decontamination system

The cleaning of surgical instruments is of critical importance and is the essential prerequisite to disinfection and sterilisation. The patented range of Ebiox surgical instrument decontamination products cleans to the molecular level, removing all body fluids, organic matter and micro-organisms from the surface of instruments.

From the point of use in the theatre to the end of the decontamination process, all the products in the Ebiox range are designed to provide the ultimate in instrument decontamination reducing the re-wash rate, reducing returns, reducing the risk of cross infection and thereby reducing costs.



*“ The effective cleaning and sterilisation of reusable surgical instruments between operations is essential in reducing the risk of cross infection ”*

NHS Estates report:

A review of the decontamination of surgical instruments in the NHS in England

# Neozyme

*“ Surgical transmission of vCJD cannot be ruled out as a risk to public health. The most important way of reducing this risk is to ensure that decontamination of instruments is as effective as possible ”*

Department of Health 2001



An enzymatic foam spray that inhibits the 'hardening' of the biofilm onto the surface of soiled surgical instruments keeping them moist during transit to the decontamination facility.

- *Breaks down protein, body fluid, blood, fat and carbohydrates*
- *Protects instruments in enzymatic foam during storage or transportation*
- *Keeps soiling moist reducing the rewash rate*
- *Neutral pH will not damage expensive instruments*
- *Safe and pleasant to use*

## Presentation and Usage Directions

Supplied in a 500ml ready to use trigger spray. Spray onto soiled instruments and endoscopes as soon as possible after use. Re-apply as necessary to prevent adhesion and drying out of soiling. Rinse instruments with water before decontamination.

Order Code	Description	Case Quantity
ENZ5	Enzymatic Foam Spray	12 x 500ml

# Ultra P

*“Thorough cleaning will remove microorganisms and the organic material on which they thrive. ebiox Ultra was the most effective product tested”*

Hospital Infection Research Laboratory, Birmingham (HIRL)

A patented solution to clean surgical instruments to molecular level\*, removing tissue residues, fluids and other pathogenic debris. Use as a pre-soak, in ultrasonic baths or for manual cleaning of surgical instruments.

- Proven to remove biofilms
- Use to pre-soak instruments prior to autoclaving
- Particularly effective on hard to clean instruments
- Easily removes lubricating jelly
- Safe to use on delicate devices, ophthalmic instruments and sensitive tubing
- Ideal for cold cleaning of endoscopes and heat sensitive instruments
- Pleasant fragrance, no release of irritating vapours

## Presentation and Usage Directions

Super concentrated powder which quickly dissolves in warm water at a dilution rate of 20g per 2 litres of water. Open instruments to fullest extent and leave to soak for a period of 10 minutes. Remove and rinse thoroughly.



\* Independent Test HIRL

Log 10 reductions in test soiling	Water	Neutral Agent	Market Leading Enzymatic Brand	ebiox ULTRA
With ultrasonics	1.79	2.61	2.91	3.24*
Without ultrasonics	1.59	2.52	2.58	3.14*

\*Greater than a 99.9% reduction

# Ultra L

A patented liquid concentrate detergent that is suitable for use in automatic spray and ultrasonic washer disinfection machines. Cleans surgical instruments to the molecular level\* removing tissue residues, fluids and other pathogenic debris.

- *Proven to remove biofilms*
- *Cleans instruments to the molecular level reducing the rewash rate*
- *Particularly effective on difficult instruments penetrating crevices and burrs*
- *Safe to use on stainless steel, aluminium and plastics*
- *Pleasant and safe to use*
- *Suitable for hard and soft water conditions*
- *Cost effective*

## Presentation and Usage Directions

Liquid concentrate for use via integral dosing pumps, if fitted to the washer disinfectant, at pro rata rate of 100ml per 50 litres (2ml per litre of wash water). Use at 4ml per litre when manually fed.

Order Code	Description	Case Quantity
EUL5	Ultra L Surgical Instrument Detergent - 5 litre	2 x 5 litre
EUL10	Ultra L Surgical Instrument Detergent - 10 litre	1 x 10 litre

*“Conventional detergents and disinfectants simply do not have the power to deal with the rapidly changing bio-protective systems evolved by micro-organisms”*



# Ultra RDA

A liquid concentrate rinse and drying aid for injection into the final rinse water in spray and ultrasonic washer machines.

- Satisfies the demand for zero spotting reducing the rework rate
- Inhibits the formation of 'crystals' and sheds water off cleaned instruments
- Inhibits 'sticky' joints
- Safe to use in hard and soft water conditions
- Safe to use on stainless steel, aluminium and plastics

## Presentation and Usage Directions

Liquid concentrate to be used via integral dosing pumps if fitted to the washer disinfectant machine at pro rata rate of 10ml per 50 litres of rinse water. May also be applied manually into the rinse aid reservoir of smaller machines. Use at 15ml per 50 litres of rinse water when manually fed.

Order Code	Description	Case Quantity
ERD5	Ultra RDA Rinse and Drying Aid - 5 litre	2 x 5 litre
ERD10	Ultra RDA Rinse and Drying Aid - 10 litre	1 x 10 litre



# Ultra SSC



Surgical Steel Reconditioning Powder removes stains, 'rust' marks and dull shadow from the surface of surgical instruments and stainless steel. Ideal for reconditioning the damaged surface of surgical steel and reforming the bright protective metal film.

- Prolongs the investment in expensive surgical instruments
- Removes stains and 'rust' marks
- Removes other oxide films that cause dulling, turning instruments into "as new"

## Presentation and Usage Directions

Supplied as a powder. Sprinkle onto a damp cloth and rub gently over the instrument and rinse.

Order Code	Description	Case Quantity
ESS1	Ultra SSC Surgical Steel Reconditioning Powder - 100g	4 x 100g



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