



Consumables



Engineers of Confidence.

Belimed
Infection Control

Engineers of Confidence.

Belimed stands on a long history of fine craftsmanship and precision engineering. Our vision to combine world-class, stainless-steel workmanship with washer manufacturing expertise allows us to deliver innovative products for the medical industry.

Over the past 50 years, we have become more than a medical equipment manufacturer. Today, we are a leading specialist in the field of sterile processing solutions, providing our customers with a technology-driven portfolio of integrated products and services dedicated to the sterilization, disinfection, and cleaning of medical and surgical instruments.

We collaborate with our customers to precisely identify and resolve their challenges with trusted solutions that improve their overall work environment within the Sterile Processing Department. Our complete spectrum of sterile workflow solutions includes planning and design, market-leading equipment, consumables, service support, data connectivity, education, and training.

We are a multi-talented team, united by one mission. To instill living, breathing, confidence within our customers, empowering them to advance medical care and ensure the health and safety of patients and medical personnel.

At Belimed, we are all *Engineers of Confidence*.



Belimed | Protect®

Consumables and Accessories

Belimed Protect®, our line of proprietary cleaning solutions and accessories, reinforces our commitment to high performance sterile processing environments.

Belimed consumables are a fundamental part of a healthy and highly efficient Sterile Processing Department (SPD). That is why our consumable engineers focus on what is most important – protecting your patients, your staff, the environment, and your department's bottom line.



Belimed Protect® combines our core competence in automated reprocessing with powerful cleaning and decontamination solutions.

Consumables

Belimed Protect® triple enzyme formulations deliver superior cleaning, while creating a better work environment for sterile processing. Our subtilisin free enzymatic products reduce the potential for respiratory and skin allergic reactions, also eliminating use of masking agents in a “less is more” fragrance-free approach. Using Belimed cleaning solutions is easy with our clear color and number coded product identification labels.

Our consumables are environmentally conscious, biodegradable and do not harm aquatic life. We know how often these overlooked aspects of everyday use are important to our customers.

For complete confidence, you need to know that your cleaning solutions share the same levels of quality and excellence as the equipment they support. Our unique, proprietary formulations were designed to deliver to the highest standards of performance, especially when used in combination with Belimed equipment.



Our consumables are environmentally conscious, biodegradable and do not harm aquatic life.

The easy-to-use Belimed Protect® portfolio delivers a higher-level performance with engineered solutions that are effective, economical, and safe, that correlate to the associated cleaning steps.

Solutions for Pretreatment, Manual and Ultrasonic Cleaning

Exclusive multi-enzyme* formulations designed by Belimed for instrument pretreatment, manual and ultrasonic cleaning as part of our family of solutions for all cleaning processes. The subtilisin and fragrance free formulation reduces odors and risk of allergic reactions, creating a better environment for staff.

*Protease, lipase, and amylase

Solutions for Automated Washer / Disinfectors

Proprietary multi-enzyme formulations designed by Belimed to improve equipment cleaning performance in both low- and high-impingement washers. Our enzyme and lubricant solutions deliver consistently clean instruments. The subtilisin free formulation reduces odors and risk of allergic reactions, creating a better environment for staff.

Solutions for Cart Washers

Specially formulated solutions designed for the automated cart cleaning process. Our neutral, non-enzymatic detergent and cart rinse products assist in quick and effective cleaning and turnaround of surgical case carts. Concentrated formula reduces need for frequent solution replacement. Color and number coded labels make cart washer setup easy.

Instrument Care and Maintenance

Additional solutions that support efficient instrument preparation, preservation, and maintenance of surgical instruments and sterile processing equipment.



Consumables

Belimed

Enz : Detergent WD

4 Enzyme, Neutral Detergent For Automated Washer Disinfectors Concentrate, No Foam

- Instructions for Use**
1. Add 1/12 to 1/2 oz per gallon (0.7 to 4 mL) of water
 2. Set the water temperature and equipment cycle per facility policies and procedures
 3. Drain, refill and redose ultrasonic per facility policies and procedures

Belimed

Enzymatic

3 Multi-Enzymatic Surgical Ultra

- The Belimed Solution:**
- Unique, multi-enzyme formulation provides increased effectiveness in removing blood, fibrin, fats and other bioburden
 - Proprietary, non-subtilisin protease reduces risk of exposure
 - pH neutral
 - Formulation is specially designed to work at lower temperature
 - Gentle, non-corrosive ingredients will not harm instruments
 - Fragrance Free and Biodegradable

Belimed | Protect

Manufactured for Belimed, Inc.

Solutions for Pretreatment, Manual and Ultrasonic Cleaning

1 Specially formulated multi-enzyme dual foam/liquid pretreatment spray

For pre-cleaning and transportation of surgical grade instruments, reusable items, scopes and other devices

Product Features:

- pH Neutral
- Gentle on instruments
- Easily rinsed
- Fragrance-free
- Stays wet up to 72 hours
- Safe for end users
- Reduces risk of biofilm formation

Key Formula Ingredients:

- Three (3) enzymes (protease for proteins, lipase for fatty acids and amylase for starches)
- Unique blend of surfactants solubilize bioburden and retain wetness
- Corrosion inhibitor

Material Compatibility:

The Belimed Protect® Enzymatic Pretreatment Foam Spray demonstrates wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

32 oz, 2 oz, 1 gal, 2.5 gal



Key Chemical Attributes	
pH Neat	6.5-8.5
pH 1% Dilution	N/A
Density	1.010-1.020
Color	Blue

2 Specially formulated multi-enzyme detergent designed to optimize the manual cleaning process – Concentrate

For manual cleaning of surgical grade instruments/reusable items, endoscopes and other devices

Product Features:

- Proprietary, subtilisin-free formulation
- pH neutral
- Non-corrosive
- Low foaming
- Gentle on instruments
- Safe for end users
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Three (3) enzymes (protease for proteins, lipase for fatty acids and amylase for starches)
- Unique blend of surfactants solubilize bioburden
- Sequestering agent to combat hard water minerals

Material Compatibility:

The Belimed Protect® Enzymatic Detergent Manual Cleaning demonstrates a wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal



Key Chemical Attributes	
pH Neat	7.0-8.5
pH Use Dilution	6.0-8.0
Density	1.020-1.030
Color	Green



3 Specially formulated multi-enzyme detergent designed to optimize the cleaning process in ultrasonic equipment – Concentrate

For ultrasonic cleaning of surgical grade instruments/reusable items, endoscopes and other devices

Product Features:

- Proprietary, subtilisin-free formulation
- pH neutral
- Non-corrosive
- Low foaming
- Gentle on instruments
- Will not interfere with ultrasonic cavitation
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Three (3) enzymes (protease for proteins, lipase for fatty acids and amylase for starches)
- Unique blend of surfactants for cleaning efficacy and preventing bioburden from redepositing on instruments
- Corrosion inhibitor
- Sequestering agent to combat hard water minerals

Material Compatibility:

The Belimed Protect® Enzymatic Detergent for Ultrasonic Cleaning demonstrates a wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal



Key Chemical Attributes	
pH Neat	8.0-9.0
pH Use Dilution	6.0-8.0
Density	1.050-1.060
Color	Blue

Solutions for Automated Washer / Disinfectors

4

Specially formulated, multi-enzyme detergent designed to optimize the cleaning process in automated washer disinfectors – Concentrate

For automated cleaning of surgical instruments, other reusable items, and devices

Product Features:

- pH neutral
- Non-corrosive
- Gentle on instruments
- Fragrance free
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Three (3) enzymes (protease for proteins, lipase for fatty acids and amylase for starches)
- Unique blend of surfactants solubilize bioburden
- Corrosion inhibitor

Material Compatibility:

The Belimed Protect® Enzymatic Detergent WD demonstrates a wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal, 30 gal, 55 gal



Key Chemical Attributes

pH Neat	8.0-9.0
pH 1% Dilution	6.0-8.0
Density	1.050-1.060
Color	Dark Blue



Key Chemical Attributes

pH Neat	5.5-7.5
pH Use Dilution	6.0-7.0
Density	0.985-1.005
Color	Milky White

5

Instrument lubricant formulated for automated washer disinfectors – Concentrate

Designed for automated washing of surgical instruments, other reusable items, and devices

Product Features:

- Special formulation designed to lubricate and protect instruments, hinges, box locks and general equipment
- pH neutral
- Gentle on instruments
- Fragrance free
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Food-grade mineral oil
- Unique blend of surfactants for improved cleaning efficacy

Material Compatibility:

The Belimed Protect® Lubricant WD demonstrates wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal, 30 gal, 55 gal

4+

Specially formulated, multi-enzyme detergent designed to optimize the cleaning process in automated washer disinfectors – Concentrate

For automated cleaning of surgical instruments, other reusable items, and devices

Product Features:

- More concentrated product results in fewer changeovers and reduced storage requirements
- pH neutral
- Non-corrosive
- Gentle on instruments
- Fragrance free
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Three (3) enzymes (protease for proteins, lipase for fatty acids and amylase for starches)
- Unique blend of surfactants solubilize bioburden
- Corrosion inhibitor

Material Compatibility:

The Belimed Protect® Enzymatic Detergent WD demonstrates a wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal



Key Chemical Attributes

pH Neat	8.0-9.0
pH 1% Dilution	6.0-8.0
Density	1.060-1.070
Color	Dark Blue



Key Chemical Attributes

pH Neat	6.5-8.0
pH Use Dilution	7.0-7.5
Density	1.020-1.030
Color	Straw

Solutions for Cart Washers

6

Neutral Non-Enzymatic Detergent for cleaning case carts and instrument containers in Cart Washers and Washer Disinfectors

For manual or automated cleaning of surgical instruments, other reusable items and devices

Product Features:

- pH neutral and non-corrosive
- Low foam concentrate formulation
- Gentle ingredients will not damage carts or casters
- Fragrance free
- Biodegradable

Key Formula Ingredients:

- Surfactants for surface wetting and cleaning efficacy
- Corrosion inhibitor

Material Compatibility:

The Belimed Protect® Neutral Non-Enzymatic Detergent demonstrates wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal, 15 gal, 30 gal, 55 gal

7 Rinse Aid for Cart Washers and Automated Washer / Disinfectors

Rinse Aid for spot-free case carts and other stainless steel products

Product Features:

- Ensures complete drying of case carts in automated cart washers and other automated equipment
- Conditions water for spot free drying and sheeting action reduces dry time
- Gentle ingredients will not damage case carts, casters or containers
- Biodegradable and aquatic life safe
- pH neutral and non-corrosive
- Fragrance free

Size Options:

2.5 gal, 5 gal, 15 gal, 30 gal, 55 gal



Key Chemical Attributes

pH Neat	1.5-3.5
pH Use Dilution	5.0-7.0
Density	1.020-1.030
Color	Blue

Solutions for Ophthalmic Instrumentation

1 Dual foam/liquid pretreatment spray specially formulated for ophthalmic instrumentation

For pre-cleaning and transportation of surgical grade instruments, reusable items, scopes and other devices

Product Features:

- Safe for use on ophthalmic instruments
- Non-irritating to both skin and eyes
- Easily rinsed
- Fragrance-free
- Stays wet up to 72 hours
- Safe for end users

Key Formula Ingredients:

- Unique blend of surfactants solubilize bioburden and retain wetness
- Corrosion inhibitor

Size Options:

16 oz



Key Chemical Attributes

pH Neat	6.5-8.5
pH 1% Dilution	N/A
Density	1.010-1.020
Color	Light Straw

7+ Cart Rinse Plus for Cart Washers and Automated Washer/Disinfectors

Concentrated cart rinse aid for spot free case carts and stainless steel products

Product Features:

- Ensures complete drying of case carts in automated cart washers and other automated equipment
- Conditions water for spot free drying and sheeting action reduces dry time
- Concentrated formula optimizes dosing levels
- Gentle ingredients will not damage case carts, casters or containers
- Biodegradable and aquatic life safe
- Fragrance free

Size Options:

2.5 gal, 5 gal, 15 gal



Key Chemical Attributes

pH Neat	2.0-3.5
pH Use Dilution	5.0-7.0
Density	1.020-1.030
Color	Blue

2/3/4 The first and only neutral pH non-enzymatic detergent formulated specifically for ophthalmic instrumentation

For manual or automated cleaning of surgical instruments and other items used for eye surgery

Product Features:

- Made specifically for ophthalmic instrumentation based on OICS Task Force guidelines
- Independently tested and classified as non-irritating to skin and eyes and non-cytotoxic in its undiluted form
- pH neutral
- Non-corrosive
- Gentle on instruments
- Fragrance free
- Biodegradable and aquatic life safe

Key Formula Ingredients:

- Unique blend of surfactants to solubilize bioburden
- Corrosion inhibitor
- Sequestering agent to combat hard water minerals

Material Compatibility:

The Belimed Protect® Ophthalmic Neutral Detergent demonstrates a wide range of material compatibility and is suitable for the following materials:

- Stainless Steel
- Aluminum
- Anodized Aluminum
- Titanium
- Copper
- Brass
- All commonly used plastics and elastomers, including Polyurethane, Silicone, and Teflon
- Latexes and Synthetics (Vinyl and Nitrile)

Size Options:

1 gal, 2.5 gal, 5 gal



Key Chemical Attributes

pH Neat	6.5-8.0
pH Use Dilution	7.0-7.5
Density	1.020-1.030
Color	Straw

Instrument Care and Maintenance Solutions

Completing our cleaning solutions portfolio, we provide our customers with additional products that support the maintenance of washers and sterilizers, as well as efficient instrument preparation and preservation.

Adhesive Remover

Ready to use spray adhesive remover for the removal of tape and other adhesive residue from the surface of surgical instrumentation, case carts, stainless steel, etc.

Instrument Lubricant

Ready to use instrument lubricant designed for lubrication and preparation of surgical instrument hinges and joints.

Rust and Stain Remover

Concentrated acid cleaning solution for removal of rust and stains from surgical instruments and stainless-steel surfaces.

Descaler/Delimer

Concentrated acid cleaning solution for removal of calcium scale and mineral deposits inside sterile processing equipment and stainless-steel surfaces.

Alkaline Detergent

Concentrated alkaline cleaning solution for Automated Washer/ Disinfectors. Formulated for stainless steel surfaces, rubber, and plastic based items.

Neutralizing Detergent

Concentrated neutralizing detergent for Sink, Ultrasonic, and Automated Washer Disinfector. For neutralizing residues of alkaline detergent, removing water mineral deposits from instrument surfaces, and improving rinse water quality.



Belimed Protect® Cleaning Indicator

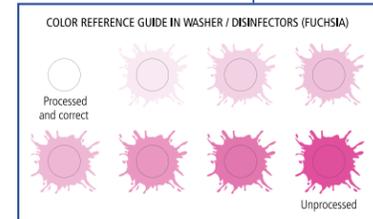
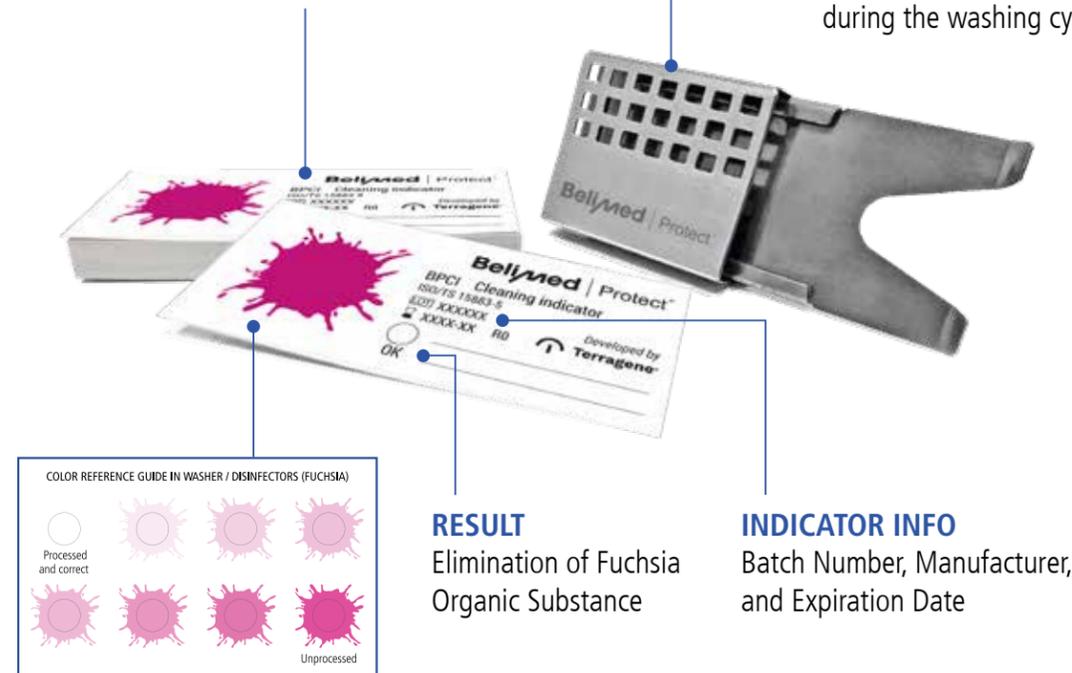
The Belimed Protect Cleaning Indicator (BPCI) is a verification test used to monitor the effectiveness of the cleaning process in washer / disinfectors. The BPCI and special holder mimic soiled surgical instruments, providing an appropriate challenge for all factors in automated cleaning including time, temperature, pressure, detergent, and water quality.

CLEANING INDICATOR FOR CLEANING PERFORMANCE TESTS

Designed for routine control of cleaning processes and for monitoring automatic washers

HOLDER

Designed to mimic the cleaning challenges posed by a large process load during the washing cycle



RESULT
Elimination of Fuchsia Organic Substance

INDICATOR INFO
Batch Number, Manufacturer, and Expiration Date



Product Features

- The Belimed Protect Cleaning Indicator was thoroughly tested to ensure the coupon and holder provide a sufficient challenge and consistent monitoring results.
- Can be clipped to the side of surgical trays during testing, providing a better challenge for blind spots in the washer disinfectors.
- BPCI is made of a synthetic recyclable substrate which is more sustainable and cost-effective than metal-based indicators.
- BPCI has a three-year shelf life, more than double the shelf life of other cleaning verification products.

Part Number	Description
1072811	BPCI Cleaning Indicator Card - Pouch of 200
1072812	BPCIH Protect Cleaning Indicator Holder

Developed by  **Terragene®**

Belimed Protect® Pretreatment Foamer

The Belimed Protect® Pretreatment Foamer is designed to easily and ergonomically apply Belimed Protect Pretreatment to surgical instruments. The foamer includes a unique cart for mobility and two wands, one for general trays and one for cannulated instruments.



Standard Features

- The Pretreatment Foamer allows for ergonomic application for staff, resulting in better compliance for pretreating instruments
- Two Application Wands – one for general instruments and one specially designed for cannulated instruments
- Triple the coverage of manual spraying in the same application time
- The foam created from the Pretreatment Foamer minimizes aerosolization
- The cart design holds 1 gallon or 2.5 gallon container sizes, which is more cost effective and environmentally friendly than traditional manual spray bottles

Specifications

- Part Number: 1064361 (Unit), 1070822 (Cart)
- Working Voltage: 110-120VAC
- Power Consumption: 30W
- Frequency: 60Hz
- External Circuit Insulation Rating:
E495378 (UL) SVT 3*18AWG(0.824MM) 105°C 300V
VW-1 C(UL) SVT 3*18AWG(0.824MM) 105°C 300V FT1
Insulation is grade A



Easy Detergent Storage



Solution for Cannulated Instruments



Ergonomic Application



Triple the Coverage



Conforms to UL STD 61010-1
Certified to CSA STD C22.2# 61010-1-12

Distributed by

Belimed
Infection Control



Accessories

Belimed Protect® Accessories

Our accessories provide storage and dosing solutions to complement the detergent portfolio and make them easier for you to use.

Automated Dosing Pump

Belimed's system is programmable for precise dosing at the sink, while measuring temperature and storing data for regulatory documentation. Other features include two fill settings, alarms for temperature out of range and detergent empty, as well as soak timers.



Proportioner

Belimed's Proportioner System doses water and cleaning solution together for proper detergent dilution for manual cleaning in areas without access to an electrical outlet.



Wall Mount

Belimed's Wall Mount can hold two 2.5-gallon detergent bottles, or three 1-gallon detergent bottles and bottles are tilted to maximize pull from detergent probes.



Spill Containment Mat

Belimed's Spill Containment Mat is ideal for holding detergent bottles that are 5 gallons or larger and is specially designed to fit in smaller, narrow storage areas.



Corner Guards

Belimed Protect® Corner Guards are a unique solution to prevent rips and tears in wrapped surgical trays. Eliminating holes saves time, money, and frustration associated with rework.

Specially designed for large surgical and loaned trays, they will not flatten under heavy weight and protect wrap from puncturing tray feet. The extended edges ensure that the corner guards stay in place through sterilization, storage, and transport. Our unique recyclable resin material is latex-free and non-toxic. They can be reused multiple times, making them more cost effective than single use solutions.



Contact

Belimed Inc. is a leading supplier of medical and surgical instrument sterilization, disinfection, and cleaning products and services.

With 12 Belimed companies throughout Europe, North America and China, Belimed is represented worldwide by a strong network in over 80 countries.

USA Headquarters

Belimed, Inc.
8351 Palmetto Commerce Parkway
Suite 101
Ladson, SC 29456
1.800.451.4118
info.us@belimed.com

Global Headquarters

Belimed AG
Grienbachstrasse 11
6300 Zug
Switzerland
+41 41 449 78 88
info@belimed.com



REV12.21.2023_Q0

Engineers of Confidence.

Belimed
Infection Control

Belimed, Inc.
1.800.451.4118
www.belimed.com

