

Belimed | **Protect™**



**Boost your
cleaning
power**



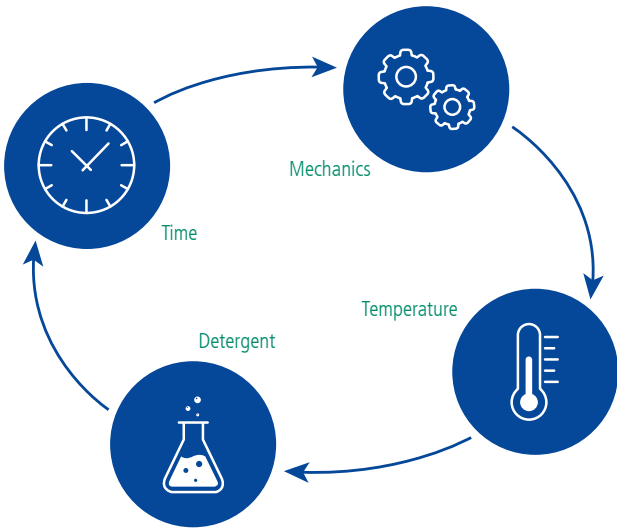
Belimed
Infection Control

Belimed Protect™

For CSSD personnel who ensure on-time sterile supply, our Belimed Protect™ Portfolio provides proprietary cleaning and disinfecting solutions that improve efficacy, productivity and compliance all from one source. Unlike standalone chemical suppliers, our solutions are super-charged by Belimed installations and support.

Interaction of parameters

Time, mechanics, temperature and detergent are the four independent variables of the cleaning process. The best results can only be achieved if these four variables are brought into perfect synergy. The control unit for Belimed washer-disinfectors governs time, mechanics and temperature, while Belimed Protect™ chemicals respond with specially developed formulas that optimize the process.

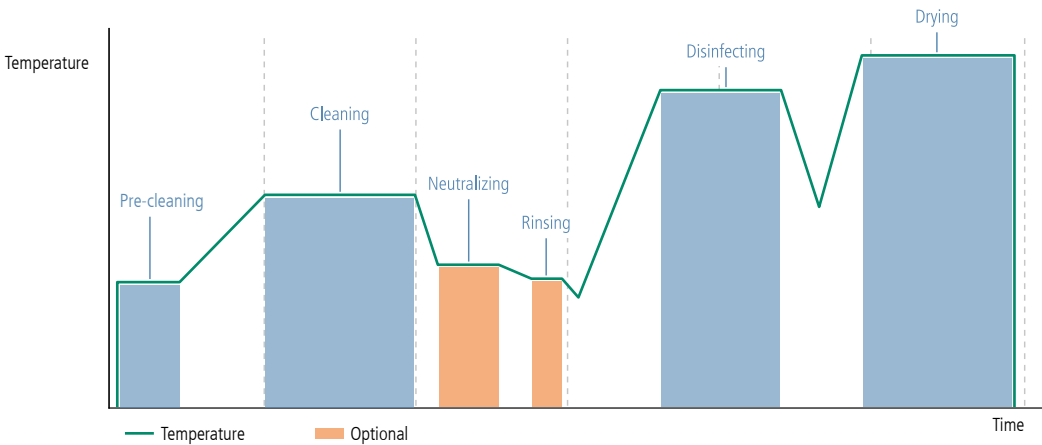


Cleaning and disinfection are based on industry standard procedures with the following process steps:

- Pre-cleaning
- Cleaning
- Disinfecting
- Drying

Depending on the programme and the detergents, additional steps can be performed:

- Neutralizing
- Rinsing



Product Properties Overview

Belimed offers a comprehensive range of cleaning chemicals for all stages of the reprocessing and decontamination process. Our specially designed and proven formulations offer best-in-class cleaning and disinfecting chemical solutions, chemicals for automated use, as well as maintenance and care products for hospitals, laboratories and industrial and life science applications.

Product properties overview

This table is for guidance only.

This table is for guidance only.	Intended use								Microbicidal spectrum						pH value*		
	Medical device cleaning	Medical device disinfection	Medical device maintenance/care	Bedpan machine cleaning	For glassware	For thermolabile instruments	For flexible endoscopes	Manual reprocessing of medical devices	Bactericidal (all vegetative bacteria incl. multi-resistant bacteria, e.g. MRSA, VRE or ESBL)	Levurocidal (yeasts)	Fungicidal (fungi)	Mycobactericidal (e.g. tuberculosis bacteria)	Virucidal for enveloped viruses (incl. HBV, HCV and HIV)	Fully virucidal (enveloped and nonenveloped viruses, e.g. papillomavirus or parvovirus)	Mild alkaline	Neutral	Acidic
Belimed Protect™ CLEAN																	
CLEAN MAE	•				•	•	•	•							•		
CLEAN NE	•				•	•	•	•								•	
CLEAN MA	•				•	•									•		
CLEAN Pre Treat	•		•		•										•		
Belimed Protect™ SAFE																	
Glutaraldehyde Disinfectant		•				•	•		•	•	•	•	•	•		•	
Cleaner and Disinfectant	•	•							•	•		•	•			•	
PAA 15		•				•	•		•	•	•	•	•	•			•
Belimed Protect™ NEUTRA																	
NEUTRA-1			•		•												•
Belimed Protect™ BRIGHT																	
BRIGHT RDA			•		•											•	
BRIGHT BP				•													•
Belimed Protect™ CARE																	
CARE Lubricant WD			•													•	
CARE SR			•														•

*Ready-to-use solution

SYMBOLS AND COLOUR CODING SYSTEM

Symbols – recommended use

- For automated reprocessing in W/Ds and AERs
- For manual reprocessing
- Safe for use with flexible endoscopes

Colour coding system – product category

- For cleaning
- For rinsing and drying
- For disinfecting
- For maintenance and care
- For neutralizing

Chemicals for cleaning

Belimed Protect™ CLEAN MAE

Mild Alkaline Enzyme Cleaner

Order details: 5 / 10 / 20 / 210 / 1,000 litres

- Biological cleaner suitable for removing proteinaceous and organic contaminants from sensitive instrument materials
- No foaming
- Suitable for manual, ultrasonic, washer-disinfector and AER equipment (tested according to EN ISO 15883-4:2018)
- Uses a blend of 5 enzymes (protease, amylase, lipase, cellulase and mannanase) and synergistic surfactants that have added safety:
 - Pleasant odour
 - Non-corrosive and gentle pH
 - Non-fixative
 - Highly effective cleaning action



Belimed Protect™ CLEAN NE

Neutral Enzyme Cleaner

Order details: 5 / 10 / 20 / 210 / 1,000 litres

- Powerful neutral enzymatic cleaning – easily removes dried-on blood and secretions
- pH-neutral – excellent material compatibility and safe for use with flexible endoscopes
- Low-foaming – suitable for manual and automated cleaning, including ultrasonic baths
- Cleans without leaving residue
- Uses a blend of 3 enzymes (protease, amylase and lipase), complexing and sequestering agents, detergents and corrosion inhibitors that are effective in hard and soft water
- Non-fixative
- Prevents the re-deposition of contaminants and water mark staining
- Non-corrosive, will not damage delicate coatings



Belimed Protect™ CLEAN MA

Mild Alkaline Cleaner

Order details: 5 / 10 / 20 / 210 / 1,000 litres

- Powerful, mild alkaline cleaner
- Uses a blend of complexing and sequestering agents, detergents and corrosion inhibitors that are effective in hard and soft water
- Excellent material compatibility – suitable for removing contaminants from sensitive instrument materials
- Non-corrosive, will not damage delicate coatings
- Low-foaming and non-fixative – easy to rinse off
- No neutralization required
- Prevents the re-deposition of contaminants and water mark staining



Chemicals for disinfection

Belimed Protect™ Glutaraldehyde Disinfectant

Order details: 5 / 10 litres

- Bactericidal, levurocidal and virucidal
- Disinfection efficacy tested according to Annex 9 of the DGSV Guideline for the validation of automated reprocessing of flexible thermolabile endoscopes (2011)
- Excellent material compatibility with leading endoscope manufacturers
- Surfactant-free – no foam



Belimed Protect™ Cleaner and Disinfectant

Order details: 25 / 200 litres

- Disinfecting detergent – cleaning and disinfecting combined in one step
- Complies with AK-BWA (decontamination systems for bedsteads and trolleys)
- Excellent anti-microbial efficacy
- Good material compatibility due to neutral pH value
- User-friendly, aldehyde-free and low-foaming



Belimed Protect™ PAA 15

Order details: 5 litres

- Bactericidal, mycobactericidal, fungicidal, virucidal and sporicidal
- Disinfection efficacy tested according to EN 14885
- Single component – does not require activator compounds
- Contains anti-corrosion additives
- Effective even at temperatures down to 35 °C with 5 minutes exposure
- Contains no aldehydes (no formaldehyde, no glutaraldehyde)



Additional chemicals for automated use

Belimed Protect™ BRIGHT RDA

Rinse and Dry Aid

Order details: 5 / 10 / 20 / 210 / 1,000 litres

- Improves drying efficacy – spot- and streak-free
- Reduces drying time – increases throughput
- pH-neutral – broad material compatibility
- Helps prevent scale
- Non-foaming
- Prevents the build-up of water scale in automated washer equipment
- Gives a smooth and shiny appearance to processed instruments
- Prevents pitting corrosion
- Prevents the formation of rust on instruments



Belimed Protect™ BRIGHT BP

Bedpan Cleaner

Order details: 5 / 10 litres

- Powerful acidic rinsing aid
- Low-foaming – spot-free and stain-free cleaning and drying
- Broad material compatibility for stainless steel, plastics and glass
- Prevents lime-scale deposits



Belimed Protect™ NEUTRA-1

Neutralizer

Order details: 5 / 10 litres

- Acidic neutralization of alkaline residues during automated reprocessing
- Acidic rinsing aid for use on laboratory glassware and labware
- Suitable for the reprocessing of medical devices and instruments where neutral rinse aids are unsuitable
- Helps prevent water deposits, spots and residues on parts and washer equipment
- Surfactant-free
- Formulated especially for automated applications
- Extends the life of stainless-steel instruments by renewing the passivation layer
- Prevents the build-up of water scale in automated washer equipment



Maintenance and care products

Belimed Protect™ CLEAN Pre Treat

Order details: 750 ml

- Dense foam – even coverage prevents instruments from drying
- Foam concentrate minimizes cross-contamination – unlike other aqueous pre-treatment sprays
- Foam transforms into liquid gel which remains moist for more than 24 hours
- Contains rust inhibitors – protects instruments
- Broad material compatibility



Belimed Protect™ CARE SR

Scale and Rust Remover

Order details: 5 litres

- Acidic scale and rust remover to revive and restore the appearance and performance of stainless-steel instruments and surfaces
- Restores functionality by re-passivating the surface of stainless steel, saving costs
- Improves appearance by removing various kinds of organic and inorganic deposits, oxide and mineral deposits
- Non-corrosive acid-based formula – effectively penetrates and removes heavy deposits
- Free of complexing agents – soluble in water



Belimed Protect™ CARE Lubricant WD

Order details: 5 / 10 litres

- Steam-penetrable oil film – does not interfere with the effectiveness of steam sterilization
- Maintains instrument value, lubricates and prevents rust and corrosion – creates protective, non-greasy film
- Silicone-free, no staining or crust formation on instrument surfaces
- Biodegradable – will not build up in subsequent phases of reprocessing



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Subject to changes

Belimed
Infection Control

Engineers of Confidence.