

NOSOZYM 6 PLUS®

Multi-enzymatic cleaner
for surgical instruments and endoscopes

NOSOZYM 6 PLUS is an very concentrated multienzymatic detergent specially formulated for cleaning endoscopes and surgical instruments.

Thanks to the synergy of 7 enzymes (protease, lipase, amylase, pectinase, mannanase and cellulases), it dissolves rapidly all types of organic residues such as proteins, lipids, starch, cellulose, polysaccharides and blood deposits.

It effectively removes biofilm while preserving endoscope materials.

NOSOZYM 6 PLUS is compatible with all major brands of endoscopes and approved by PENTAX MEDICAL®.

NOSOZYM 6 PLUS can be used in ultrasonic baths, immersion baths or in automatic washers.

Properties

- A synergy of highly stabilized enzymes for a powerful cleaning action
- Effectively removes all types of organic residues
- Dissolves the biofilm
- Very economical
- Does not foam
- Prevents corrosion and instrument discoloration
- Compatible with heat-sensitive instruments

The cleaning efficiency and biofilm reduction of NOSOZYM 6 PLUS has been tested and validated according to ISO 15883-1:2014 and ISO 15883-5:2021.

Composition

Enzymes (protease, lipase, amylase, pectinase, mannanase and cellulases), non ionic surfactants <5%, corrosion inhibitor, pH regulator, excipients.

Compatibility

NOSOZYM 6 PLUS is compatible with most materials such as stainless steel, aluminum, glass, ceramics, hard plastics, ebonite, etc.

Certifications

- CE mark according to the medical devices MDR Regulation (EU) 2017/745
- Medical device class I

NOSOZYM 6 PLUS is manufactured in the EU.

MEDALKAN satisfies the requirements of ISO 9001:2015 for quality management system and the requirements of ISO 13485:2016 for the design and manufacture of medical devices.

For further information, please visit www.medalkan.com

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Packaging

- 5 litre canister (Ref. 20033)
- Dosing pump for 5 litre canister (Ref. 20023)

Physical properties

- Appearance: Transparent orange solution
- Density: 1.02 g/cm³ at 20°C
- pH: 7.0-8.0 (neutral) at 20°C
- pH (0,5% - 1%): 7.0-8.0 (neutral) at 20°C
- Odour: Mild lemon peppermint fragrance
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to OCDE 301D

Instructions for use

- In immersion bath

Dilute NOSOZYM 6 PLUS in running water according to the dosage recommendations. Open all instruments with joints. Immerse them into the solution. Be sure they are fully covered and leave them soak for a few minutes. Rinse your instruments with running water. Dry thoroughly with a single-use paper. Your instruments are ready for sterilization.

Change the solution every 48 hours or when it becomes dirty. Do not mix with other disinfectants.

The packaging must be closed tightly after use. Store between +5°C and +35°C.



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Endoscope cleaning

Cleaning is the critical step in endoscopes reprocessing.

Endoscope cleaning consists of the mechanical cleaning of internal and external surfaces. This includes brushing and flushing of internal channels with sterile, filtered or drinking-quality water and detergent. The purpose of cleaning is to remove all inorganic and organic material from the internal and external surfaces of flexible endoscopes.

If the manual cleaning, brushing and rinsing steps are not properly carried out, protein debris can harden and lead to formation of biofilm on the biopsy channel of the endoscope. Inadequate cleaning can thus result in material remaining on the endoscope surfaces which prevents disinfection and sterilization fluids or gases reaching all parts of potentially contaminated surfaces.

The endoscope should be cleaned with an enzymatic detergent immediately after use and before manual or automated disinfection.

NOSOZYM 6 PLUS contains a combination of specific enzymes. The enzymes break down the soil into tiny fragments, making it water soluble and thus easier to remove by rinsing.

Use NOSOZYM 6 PLUS for endoscope cleaning:

- by manual cleaning
- in automated reprocessor

■ In Ultrasonic bath

NOSOZYM 6 PLUS can be used in all common types of ultrasonic baths.

■ In automated reprocessor

NOSOZYM 6 PLUS can be used in automated reprocessor. Do not exceed 60°C. Please follow the manufacturer's instructions.

■ Recommended dosage table

CLEANING METHOD	RECOMMENDED DOSAGE (%) *	RECOMMENDED DOSAGE (ml/l)	WATER TEMP. (°C)	CONTACT TIME
IN IMMERSION BATH	0,2% - 0,5%	2 ml/l - 5 ml/l	20 - 60 °C	1 - 5 min
IN ULTRASONIC BATH	0,2% - 0,5%	2 ml/l - 5 ml/l	45 - 60 °C	1 - 5 min
IN AUTOMATED REPROCESSOR	0,1% - 0,5%	1 ml/l - 5 ml/l	45 - 60 °C	1 - 5 min **

* Always adjust the dosage and contact time depending on the degree of contamination and cleaning method you follow. Recommended dosages can be adjusted or exceeded according to the quality and temperature of the water and the type of washer used.

** Depends on the recommendations of the washer's manufacturer.