

Instructions for use

deconex® ENDOMATIC

Glutaraldehyde-based instrument disinfectant for automated use

For reprocessing flexible endoscopes in endoscope
washer disinfectors (E-WDs)



Scope of application

deconex® ENDOMATIC is a disinfectant for the chemothermal disinfection of flexible endoscopes after cleaning with deconex® 23 NEUTRAZYM-x.

Application and dosage

Recommended dose:
7.5 mL/L at 50 - 60 °C

Recommended use:

Disinfection with deconex® ENDOMATIC must always be preceded by cleaning, ideally with deconex® 23 NEUTRAZYM-x. To prevent foaming, the automatic dosing of deconex® ENDOMATIC should be programmed at a water temperature of > 40 °C. The final rinse should be carried out at a temperature of just below 60 °C. This accelerates the drying process. Use sterile water for rinsing after disinfection. If endoscopes were treated with an aldehyde-free disinfectant before switching to deconex® ENDOMATIC, thorough intermediate cleaning is absolutely essential. Please contact your supplier for details.

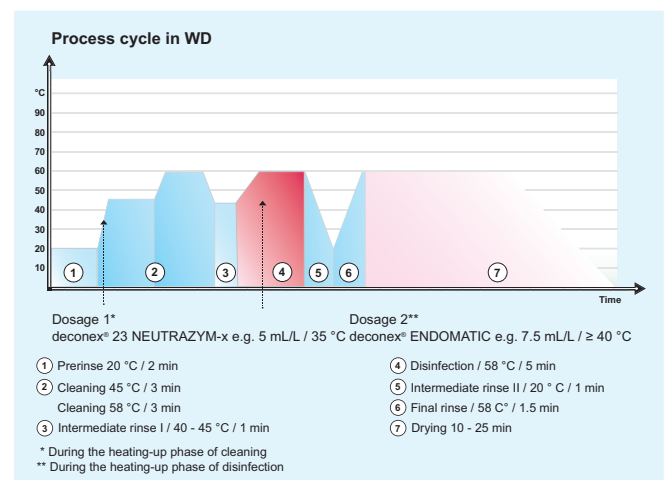
Properties

- specially developed for use at 50 - 60 °C in E-WDs
- broad spectrum of activity including tuberculocidal and virucidal activity
- proven extensively in practical use (process expert report)
- with protection against corrosion

Typical E-WD process

For cleaning and chemothermal disinfection of endoscopes in E-WDs

1. Pre-rinse: with cold tap water, 2 min
2. Cleaning: with DI / RO water
Add deconex® 23 NEUTRAZYM-x at 35 °C, 5 mL/L
Clean at 45 °C for 3 min
Clean at 58 °C for 3 min (without solution change)
3. Intermediate rinse I:
with warm tap water (40 - 45 °C) 1 min
4. Chemothermal disinfection: with tap water
Add deconex® ENDOMATIC at ≥ 40 °C, 7.5 mL/L
Disinfect at 58 °C for 5 min
5. Intermediate rinse II:
with cold sterile DI / RO water for 1 min
6. Final rinse:
with sterile RO or DI water, at 58 °C, 1.5 min
7. Drying: 10 - 25 min



deconex® ENDOMATIC

Efficacy

Spectrum of activity	Method	Concentration (%)	Temperature	Contact time
Bactericidal activity	according to EN13727 and EN14561 under clean conditions	0.5	55 °C	5 min
Levurocidal activity	according to EN13624 and EN 14562 under clean conditions	0.1	55 °C	5 min
Mycobactericidal activity (M. terrae, M. avium)	according to EN14348 and EN 14563 under clean conditions	0.5	55 °C	5 min
Virucidal activity:				
MVN (murine parvovirus)	according to EN14476 under clean conditions	0.5	55 °C	5 min

Safety information

Please refer to deconex® ENDOMATIC safety data sheet for information about industrial safety and proper disposal.

Storage

Store the product at temperatures between 5 and 25 °C.

Manufacturer:

Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
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All information provided is based on our comprehensive knowledge and does not constitute a legally binding assurance of specific product properties.



advanced cleaning solutions

Product data sheet

deconex® ENDOMATIC

Glutaraldehyde-based instrument disinfectant for automated use

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Ingredients

100 g deconex® ENDOMATIC contains:
20 g glutaraldehyde

Excipients:

Surfactant compounds, solubiliser, corrosion inhibitor, perfume, dye

Material compatibility

Suitable for:

Stainless steel, aluminum, eloxated aluminum, non-ferrous metals, rubber, latex, glass, plastics except polystyrene and limited for PMMA

Listed for endoscope reprocessing by Karl Storz and Pentax.

The user should conduct appropriate compatibility tests for materials not mentioned here or contact Borer Chemie AG.

Expert reports

deconex® ENDOMATIC has been extensively investigated in accordance with DGHM methods with regard to its efficacy. The suitability of deconex® ENDOMATIC for chemothermal disinfection in combination with deconex® 23 NEUTRAZYM-x has also been confirmed in process expert reports, which are available on request.

CE marking

deconex® ENDOMATIC satisfies the requirements for medical devices in accordance with the directive 93/42/EEC.

Physicochemical data

pH	1 % solution in tap water	approx. 7.1
Density	concentrate	1.04 g/mL
Appearance	concentrate	transparent, green

deconex® ENDOMATIC

Packaging

The container, seals and labels are made of recyclable polyethylene.

Container sizes

Container type	Content	Item number
Canister low	5 L	505200.00-KK5W
Canister	10 L	505200.00-K10W
Canister	25 L	505200.00-K25W
220 L barrel	200 L	505200.00-B220
Drumtainer	200 L	505200.00-D220
IBC 1000 L	920 L	505200.00-IBC1

Additional information

Before using the product please read the instructions for use and the relevant safety data sheet.

Benefit from our know-how! Please contact us for further information regarding your specific application.

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