

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.

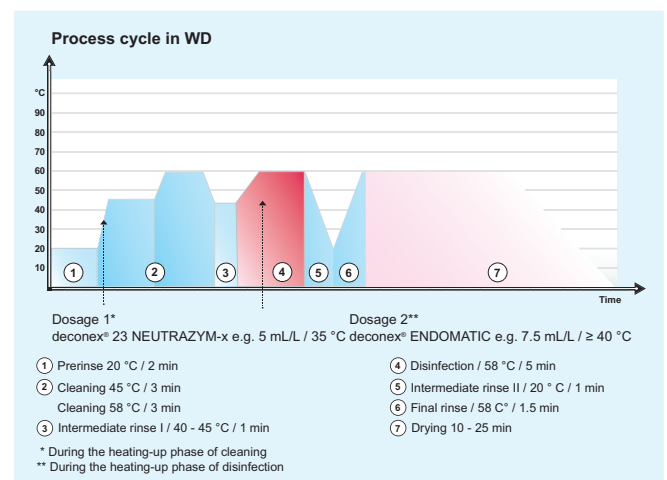
Properties

- 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
office@borer.ch, www.borer.ch

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, per-
fume, 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 ma-
terials 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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