Instructions for use

deconex® INSTRUMENT PLUS

Medical device cleaning chemistry with disinfecting effect

For the manual pre-cleaning/cleaning and disinfection of reprocessable medical devices and final disinfection of non-critical medical devices

Scope of application

deconex® INSTRUMENT PLUS is used diluted for the manual pre-cleaning and disinfection of reprocessable thermo-stable and thermo-labile invasive and non-invasive medical devices and accessories in an immersion,or ultrasonic bath. Surgical and ward instruments, minimally invasive surgical (MIS) instruments (incl. Da Vin,ci instruments), dental instruments and flexible endoscopes, among others, can be reprocessed.

deconex® INSTRUMENT PLUS can also be used for the manual final disinfection of non-invasive medical devices.

Properties

deconex® INSTRUMENT PLUS combines cleaning and disinfection for the manual reprocessing of medical instruments and exhibits the following properties:

- Excellent cleaning performance, even with coagulated blood (fibrin) thanks to its special, enzymatic formulation
- Protection of staff and the working environment
- Spectrum of activity: bactericidal, levurocidal, limited virucidal
- Good material compatibility enables use for the treatment of a wide range of medical devices, incl. flexible endoscopes
- Pleasant aroma

Disinfection efficacy

Spectrum of activity and methodology	Concentration	Contact time
Bactericidal (EN 13727, EN 14561)	0.5%	5 min
Yeasticidal (EN 13624, EN 14562)	0.5% 1%	15 min 5 min
Active against enveloped viruses Suspension test (EN 14476)	1%	5 min
Germ carrier test (EN 17111)	1.5% 2%	30 min 15 min

The test was carried out with water of standardised hardness (30 °fH or 16.9 °dH / 300 ppm) and high load.

Application and dosage

The most effective dosage of deconex® INSTRUMENT PLUS is influenced by various factors, such as the type as well as quantity of soiling.

deconex® INSTRUMENT PLUS is used as a diluted solution with tap water, softened or demineralised water at room temperature. The minimum concentration and contact time must be adapted to the cleaning requirements. For disinfection efficacy, see the appropriate section of this document. If possible, make sure that the instruments are immersed disassembled and completely wetted.

Immersion bath method:
After the required contact time , brush if necessary.

Ultrasonic bath:
After the exposure time has elapsed, leave the instruments in the bath until the requiredcontact time has been reached.

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The load must be rinsed sufficiently; the last rinsing step should ideally be carried out with demineralised water, however the best quality water available will suffice.

Final disinfection:
Use only on cleaned instruments and in a fresh solution. Rinse the load with demineralised, germ-free/low-germ water.

A used deconex® INSTRUMENT PLUS solution should be replaced daily. A visibly contaminated application solution should be immediately disposed of and replaced.

deconex® INSTRUMENT PLUS can be used in dosing devices. Care must be taken to avoid microbiological contamination.

Products containing aldehyde should not be used before and after reprocessing with deconex® INSTRUMENT PLUS.

Material compatibility

deconex® INSTRUMENT PLUS is suitable for stainless steel, (anodised) aluminium, titanium, non-ferrous metals, polyamide (PA), polyethylene (PE), polyvinyl chloride (PCV), polyoxymethylene (POM), polyetherimide (PEI), polyphenysulphone (PPSU), polyetheretherketone (PEEK), polytetrafluoroethylene (PTFE).

Acrylic glass (PMMA) and polysulphone (PSU) may be incompatible.

Not suitable for polycarbonate (PC).

For other sensitive materials, compatibility tests may need to be carried out. If necessary, contact your local distributor for deconex® products or Borer Chemie AG.

Chemical-physical data

pH value 1 % solution	
in demineralised water in city water [1)]	approx. 8.3 approx. 7.7
Density of concentrate	1.0 g/mL
Appearance of concentrate	clear, blue

[1)] measured in city water at 25 - 28 °fH / 14 - 16 °dH / 250 - 280 ppm $CaCO_3$

Constituents

100 g deconex® INSTRUMENT PLUS contains:
11.2 g N,N-didecyl-N-methyl-poly(oxyethyl) ammonium propionate
11.7 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Auxiliary ingredients:
Enzymes (protease), surface-active substances, perfume, dye

Attention

Do not use for the final disinfection of invasive medical devices. ▪ Do not mix with other products. ▪ Contact your local distributor for deconex® products or Borer Chemie AG before changing use chemistries. ▪ The product is for single use only, not for reuse. ▪ The legal and standards-related requirements for medical devices must be complied with. ▪ For professional use only. ▪ Observe the reprocessing instructions for the medical devices to be treated and the instructions for use for any equipment used for reprocessing.

If a serious incident occurs with this product, it must be reported to the manufacturer and the responsible authority.

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Safety instructions and disposal

Information regarding safety in the workplace and the correct disposal of the unused product can be found on the safety data sheet.

When disposing of empty containers and used solution, local waste and waste water regulations must be observed.

Containers, seals and labels are made from recyclable polyethylene.

Storage and transport

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

CE marking

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

Availability

Please contact your local distributor for deconex® products for available container sizes.

Distributor / importer:

Manufacturer:
Borer Chemie AG
Gewerbestrasse 13, 4528 Zuchwil / Switzerland
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