

Instructions for use

deconex® TWIN ZYME xpert

Enzymatic, automated cleaning chemistry

For the automated reprocessing of medical devices
in washer/disinfectors and large chamber washer/
disinfectors



Scope of application

deconex® TWIN ZYME xpert is used as an enzymatic, pH-neutral cleaning component in the deconex® TWIN xpert dual-component cleaning system together with the alkaline cleaning component deconex® TWIN PH10 xpert for automated cleaning in washer/disinfectors and large chamber washer/disinfectors for the following reprocessable medical devices and accessories:

- Thermo-stable, invasive and non-invasive medical devices such as surgical instruments, ward utensils, MIS instruments and dental instruments
- Thermo-labile, invasive medical devices
- Thermo-stable and thermo-labile, non-invasive medical devices such as sterilisation containers

deconex® TWIN ZYME xpert can also be used as a single component in large chamber washer/disinfectors for the reprocessing of non-critical medical devices.

Properties

Thanks to a sophisticated, modern and highly advanced formulation, deconex® TWIN ZYME xpert boasts the following properties:

- Can be used from 45 °C
- Foam-free, stable pump pressure
- Very good material compatibility
- Phosphate-free
- pH-neutral
- Can be used with all water qualities (demineralised, softened and tap water)

In combination with the alkaline component deconex® TWIN PH10 xpert, the deconex® TWIN xpert dual-component cleaning system delivers outstanding cleaning performance, even with heavy soiling. A pH value of > 10 is achievable with demineralised water.

Application and dosage

The optimum dosage of deconex® TWIN ZYME xpert is influenced by various factors, such as the type as well as the amount of soiling, the water hardness and the instruments' stand time. The use of fully demineralised water generally leads to better cleaning results and is recommended.

deconex® TWIN ZYME xpert is used at a concentration of 0.1 – 0.3 % at 45 - 60 °C for at least 5 minutes. The product must be dosed at temperatures of 30 °C and above.

When used alone, deconex® TWIN ZYME xpert must be used in demineralised water.

Subsequently two intermediate rinsing steps of at least 1 min each are required; the first using either tap or softened water, the second using preferably DI water if available. Neutralisation is not required.

Material compatibility

The deconex® TWIN xpert dual-component cleaning system consisting of deconex® TWIN PH10 xpert and deconex® TWIN ZYME xpert is compatible with all common materials used in reprocessable medical devices.

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

For material compatibility with cleaning and disinfection equipment, contact your local deconex® products distributor or Borer Chemie AG directly.

deconex® TWIN ZYME xpert

Chemical-physical data

pH value 1 % solution

in demineralised water
in tap water ¹⁾

approx. 7.2
approx. 6.8

Density of concentrate

1.1 g/mL

Appearance of concentrate

Clear, yellow to brown

¹⁾ measured in tap water at 25 - 28 °F / 14 - 16 °dH / 250 - 280 ppm CaCO₃

Contents

Enzymes (proteases), surfactants, sequestering agents, preservatives

Attention

Do not mix with other products. ▪ Please contact your local deconex® products distributor or Borer Chemie AG before changing the product. ▪ 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. ▪ We recommend using the product in validated processes. ▪ Follow the reprocessing instructions for the medical devices to be treated and the instructions for use for equipment used for reprocessing.

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

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.

This medical device is frost-sensitive. Whenever possible, avoid transportation of this product during cold periods. If transport during this time of year is unavoidable, the product must be shipped in a temperature-controlled lorry / sea container regulated to at least 5°C. Or use protection hoods for short-time transports not longer than 10 hours with transport temperatures not falling below minus 5° C.

CE marking

deconex® TWIN ZYME xpert meets the requirements for medical devices under the Medical Devices Directive (EU) 2017/745.

Availability

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

Distributor / importer:

Manufacturer:

Borer Chemie AG

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