

Instructions for use

deconex® TWIN PH10 xpert

Alkaline, automated cleaning components

For the automated cleaning of reprocessable medical devices in the washer/disinfectors and large-chamber washer/disinfectors



Scope of application

deconex® TWIN PH10 xpert is used as an alkaline cleaning component of the deconex® TWIN xpert dual-component cleaning system together with the enzymatic cleaning component deconex® TWIN ZYME 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, MIC instruments and dental instruments
- Thermo-labile, invasive medical devices
- Thermo-stable and thermo-labile, non-invasive medical devices such as sterilisation containers

deconex® TWIN PH10 xpert can also be used on its own 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 PH10 xpert boasts the following properties:

- Can be used from 45 °C
- pH > 10 can be achieved in demineralised water
- Foam-free, stable pumping pressure
- Good material compatibility
- Phosphate-free
- Surfactant-free
- Can be used with all water qualities (demineralised, softened and tap water)
- No neutralisation required

In combination with the enzymatic component deconex® TWIN ZYME xpert, the deconex® TWIN xpert dual-component cleaning system delivers outstanding cleaning performance, even

with heavy soiling. A pH value of > 10 is even achievable with demineralised water.

Application and dosage

The optimum dosage of deconex® TWIN PH10 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 PH10 xpert is used at a concentration of 0.2 – 0.5 % at 45 - 60 °C for at least 5 minutes. The product must be dosed at temperatures of 20 °C and above.

When used alone, deconex® TWIN PH10 xpert must be used in demineralised water.

Subsequent intermediate rinsing for at least 1 min with tap water (alternatively demineralised water) and at least 1 min with demineralised water must be carried out. 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 sensitive materials such as (anodised) aluminium, compatibility testing may need to be carried out, depending on the concentration and water quality of the product. If necessary, contact your local distributor for deconex® products or Borer Chemie AG.

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

deconex® TWIN PH10 xpert

Chemical-physical data

pH value 1 % solution	
in demineralised water	approx. 11.5
in tap water ¹⁾	approx. 10.4
Density of concentrate	1.1 g/mL
Appearance of concentrate	Clear, colourless to yellow

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

Constituents

Alkali donors, corrosion inhibitors, chelating agents

What you should note

Do not mix with other products. ▪ Please contact your local distributor for deconex® products 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.

CE marking

deconex® TWIN PH10 xpert satisfies the requirements for medical devices in accordance with the regulation (EU) 2017/745.

Availability

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

Distributor / importer:

Manufacturer:

Borer Chemie AG

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