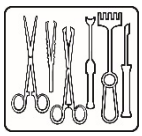
# neodisher® DuoClean

## Highly alkaline detergent for automated reprocessing of thermostable instruments



## Liquid concentrate

### Main fields of application:

- Intensive automated cleaning of medical utensils such as surgical, gynaecological, orthopaedic and instruments used in high-frequency surgery.

### Performance spectrum:

- Highly alkaline, surfactant-containing intensive detergent with good cleaning action for removing blood, protein and stubborn OR residues
- Badly soiled gynaecological and orthopaedic instruments as well as instruments for high-frequency surgery can be reprocessed in the two step neodisher DuoClean process without laborious pre- or after-treatment
- Suitable for medical instruments made of stainless steel and other alkali-compatible utensils made of glass and plastics
- Not suitable for cleaning utensils made of aluminium and anodized aluminium
- Colour changes might occur with titanium alloys. This must be taken into account with regard to e.g. colour-coded implants
- Can be used with water of any hardness

### Special properties:

- Even after a long drying time residues are removed safely
- Free of phosphates, silicates and oxidising agents

### Application and dosage:

neodisher DuoClean is used in washer disinfectors.
The dosing amount depends among other things on the degree of contamination of the items to be washed and is 3 - 5 ml/l.

Typical programs are as follows (examples):

For the automated reprocessing of surgical instruments:

| | |
|---|---|
| Pre-cleaning | With cold water |
| Cleaning step | 3 - 5 ml/l neodisher DuoClean, e.g. at 60 °C, 10 min |
| First intermediate rinse | |
| Second intermediate rinse | |
| Final rinse and thermal disinfection | |

For the automated reprocessing of surgical instruments in the two step neodisher DuoClean process:

| | |
|---|---|
| Pre-cleaning | With cold water |
| First cleaning step | 3 ml/l, neodisher DuoClean, 5 min, 55 °C |
| Second cleaning step | 5 ml/l, neodisher DuoClean, 5 min, 60 °C |
| First intermediate rinse | |
| Second intermediate rinse | |
| Final rinse and thermal disinfection | |

The neodisher DuoClean solution has to be rinsed off completely with water (preferably with deionised water). For avoiding water stains, the use of deionised water in the final rinse is recommended.

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## General instructions for use:

- Use suitable dosing devices.
- Do not mix with other products.
- Rinse out dosing system including suction hose with water before changing product.
- Reprocessing should comply with all ordinances pursuant to the regulations on medical devices and should be performed with appropriate validated processes.
- Please observe the reprocessing recommendations of the medical device manufacturers according to the requirements of the DIN EN ISO 17664
- The instructions given by the manufacturer of the washer disinfector are to be observed
- For professional use only.

## Technical data:

| | |
|---|---|
| Density | approx. 1.2 g/cm$^3$ (20 °C) |
| pH-range | 12.2 – 12.4 (3 - 5 ml/l, determined in deionised water, 20 °C) |
| Viscosity | < 50 mPas (20 °C) |
| Titration factor | 0.55 (in accordance with neodisher titration method) |

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % amphoteric surfactants
5 - 15 % polycarboxylates

## CE-marks: CE MD

neodisher DuoClean complies with European guidelines for medical devices.

If a serious incident occurs with the product, report it to the manufacturer and the relevant national authority.

## Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 3 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hourglass symbol ⧖.

## Hazard and precautionary statements:

For safety information see EC safety data sheets. These are available at www.drweigert.com under the category “Service/Downloads”.

Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.

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