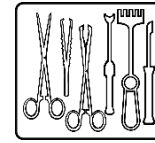
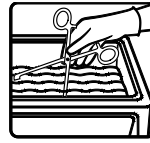




neodisher[®] IR



Acidic detergent for intensive cleaning of surgical instruments in immersion baths



liquid concentrate

Fields of application:

- Intensive cleaning of surgical instruments made of stainless steel in immersion baths and ultrasonic baths
- Intensive cleaning using neodisher IR only suitable for instruments made of hardened chrome steel or chrome-nickel steel

Performance spectrum:

- Removes tarnishing, loose rust and rust stains
- Self-acting removal of stubborn inorganic residues on instruments, which can result from various faults in reprocessing, such as unsuitable water and sterilising steam qualities

Special properties:

- Only for surgical instruments made of hardened chrome steel or chrome-nickel steel
- Not suitable for instruments made of unhardened chrome steel, unalloyed steel, light metals and other materials which are not acid-compatible
- Not suitable for chromium-plated or nickel-plated instruments
- With instruments of stainless steel, which do not have a quality guarantee, prior testing must be carried out to determine suitability
- Instruments with carbide inlays are suitable for a thorough cleaning, provided that the restrictions indicated in the instrument manufacturer's instructions for use¹ are taken into account
- With instruments that have been laser-lettered and marked a brightening of the lettering may occur
- Not suitable for the first cleaning of brand-new instruments
- The containers used for intensive cleaning and the effluent pipes, through which the neodisher IR solutions are discharged, must

be made of acid-compatible material (Eternit and cast iron pipes are unsuitable). If necessary, the working solution of neodisher IR can be neutralised before discharge with an alkaline detergent (without active chlorine).

Application and dosage:

Intensive cleaning in immersion baths:

Dosage: 10 - 100 ml/l
for instruments with carbide inserts: 10 - 30 ml/l
temperature: max. 50 °C

Instruments are immersed in the warm neodisher IR solution. After a contact time of approx. 1 hour, the instruments are removed, thoroughly rinsed with water and dried. Instruments which appear spotless are conveyed to validated reprocessing.

Intensive cleaning in ultrasonic baths:

Dosage: 15 – 35 ml/l
temperature: max. 50 °C

Instruments are immersed in the warm neodisher IR solution. The contact time should be between 1 and 5 min in accordance with equipment manufacturer's data. The instruments are removed, thoroughly rinsed with water and dried. Instruments which appear spotless are conveyed to validated reprocessing. The instructions of the ultrasonic bath manufacturer must always be observed.

If spots and stains are not completely removed, which may be the case with discolouration built up over a long period, the treatment must be repeated. The contact time in immersion baths may be extended to up to 4 hours. The instruments should under no circumstances remain unchecked in the solutions overnight.

If the stains still remain after immersion, the advice of our applications technology department must be sought, to determine the nature of the discolouration and to work out a special method for its removal. In every case an attempt should be made to determine the cause(s), in order to remedy it as quickly as possible.

¹ According to the requirements of DIN EN ISO 17664



Scrubbing with wire brushes must be avoided, as this treatment irreversibly damages the stainless steel surfaces and makes them more susceptible to corrosion.

The neodisher IR solution has to be rinsed off completely (preferably with deionised water).

Notes on application:

- For professional use only.
- Do not mix with other products.
- 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.

Technical data:

pH-value	1,8 - 0,9 (10 - 100 ml/, determined in demineralised water, 20 °C)
Titration factor	0.19 (in accordance with neodisher titration instructions)
Density	approx. 1.4 g/cm ³ (20 °C)

Ingredients:


Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % non-ionic surfactants
> 30 % phosphates

CE-mark:

neodisher IR 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 -15 and 30 °C. The product is sensitive to frost below - 15 °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 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 the Safety Data Sheet.

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With the above information, to our current knowledge we describe our product regarding safety necessities, but we do not involve any quality description or promise certain properties.