

INSTRUMENTS / MANUAL REPROCESSING

MANUSHIELD CLEANER



CLEANER FOR INSTRUMENTS AND MEDICAL DEVICES

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pH 8.0 and gentle to materials
good cleaning strength and easy to integrate
fragrance-free



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PRODUCT DESCRIPTION

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MANUSHIELD CLEANER is a concentrate for the thorough cleaning of flexible and rigid endoscopes as well as surgical and dental/medical instruments. Due to the mild and therefore material-friendly formulation, **MANUSHIELD CLEANER** is suited for cleaning flexible endoscopes. The fragrance-free formulation is surfac-

tant-based, can be dosed economical and can be used in ultrasonic baths. It is also compatible with the following disinfectants: PERFEKTAN ENZYME, PERFEKTAN NEU, PERFEKTAN ENDO, PERFEKTAN TB, PERFEKTAN ACTIVE, and DESCOTON EXTRA. This makes it easy to integrate **MANUSHIELD CLEANER** into reprocessing procedures.

APPLICATIONS AND NOTES

Range of application

Cleaner for instruments and medical devices.

Application

For professional use only. Prepare solution by diluting with suitable water (max. 40 °C) in accordance with national guidelines. **MANUSHIELD CLEANER** must not be mixed with other process chemicals. Cleaning in an immersion bath: Place instruments (open) and endoscopes – following prior preliminary cleaning, where necessary – in the working solution and ensure that all surfaces and cavities are fully wetted. If necessary, allow the air to fully escape from the lumen and clean the instruments mechanically, if necessary, e.g. brushing. Clean endoscope channels mechanically. After cleaning, thoroughly rinse the instruments with suitable water and reprocess them further. Also suitable for use in ultrasonic bath.

According to the EU Medical Device Regulation, users/patients are obligated to report any serious incident that has occurred in relation to the device to the manufacturer and the competent authority of the EU Member State in which the user/patient is established.

Application notes

For cleaning in the ultrasonic bath: Do not exceed the sonication time as specified in the manufacturer's instructions or temperatures of 40 °C. Can be used with waters of all hardness levels. Change **MANUSHIELD CLEANER** working solution immediately, if there is any visible contamination but at least once every working day.

Dosage

Application recommendation for cleaning endoscopes as well as medical and surgical instruments: 0.5% (5 ml/L) for a contact time of 5 minutes. Depending on the degree of contamination, use 0.25% (2.5 ml/L) to 5% (50 ml/L) and adjust the contact time.

Composition

5 - 15 % non-ionic surfactants, preservative: didecylmethyl poly(oxyethyl)ammonium propionate.

Material compatibility

Superficial changes may occur with the following materials, please test on an inconspicuous area before use: Polycarbonate (PC), Ethylene- Propylene- Diene-monomer (EPDM), Neoprene (CR).

Precautionary and hazard statements

Causes serious eye damage. Harmful to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Dispose of contents/ container to an approved waste disposal plant.

Read label before use.

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PURCHASING INFORMATION

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Product	Single unit	Delivery unit	Content	REF
MANUSHIELD CLEANER	Bottle	6	2 L	00-104-020-02
	Canister	3	5 L	00-104-050-01

National information may differ. For further information, please contact our subsidiary or your local dealer.
The availability of the products and container sizes depend on a completed national registration.



CERTIFICATIONS



For an overview of our current certifications, scan the QR code to visit:

<https://www.schumacher-online.com/en/cert>

Dr. Schumacher is certified according to DIN EN 13485, DIN EN ISO 9001, DIN EN ISO 14001, BS OHSAS 18001,
has a validated environment management system according to EMAS and is a member of IHO, VCI, BAH, DGSV and of the DGKH.