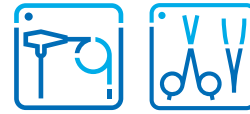


THERMOSHIELD DESINFEKTANT



PROTECT

CHEMOTHERMAL INSTRUMENT DISINFECTION OF INVASIVE MEDICAL DEVICES

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User friendly due to low aldehyde content

Virtually odour free

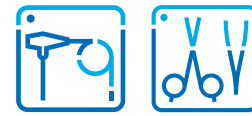
Very high material compatibility with flexible endoscopes*



* Tested for common metals, elastomers (e.g. ethylene propylene diene monomer (EPDM) and thermoplastics in medical devices.

INSTRUMENTS / AUTOMATED REPROCESSING

THERMOSHIELD DESINFEKTANT



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PRODUCT DESCRIPTION

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THERMOSHIELD DESINFEKTANT is a very material-friendly and user-friendly preparation for chemothermal disinfection of flexible endoscopes at 55–60 °C. In combination with the enzymatic cleaner THERMOSHIELD FLEX, it offers an intelligent solution for gentle cleaning and disinfection in endoscope washers. The manual pre-cleaning of endoscopes can be carried out with concertedly PLURAZYME EXTRA or PERFEKTAN ENZYME.

THERMOSHIELD DESINFEKTANT is particularly material friendly due to its glutaraldehyde-based composition. Since the content of glutaraldehyde is low it is user-friendly because the odour is considerably lower than that of many comparable preparations. With its comprehensive efficacy, **THERMOSHIELD DESINFEKTANT** meets the requirements of EN 15883-4 for the safe reprocessing of flexible endoscopes (see efficacy table).

APPLICATIONS AND NOTES

Application

Place instruments into washer according to recommendations (e.g. hygiene plan). All surfaces and cavities must be accessible for the working solution.

1. Cleaning cycle with THERMOSHIELD FLEX or THERMOSHIELD NR
2. Disinfection cycle with THERMOSHIELD DESINFEKTANT

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

Program setting: Do not meter under 30 °C. For the final rinse the use of demineralised water is implicitly recommended. THERMOSHIELD DESINFEKTANT must not be mixed with other process chemicals. Applicable in all commercially available endoscope washers such as BHT-, Belimed-, Hamo-, Olympus- and Wassenburg machines. The appliance manufacturer's instructions must be observed.

Composition

100 g contain: 10 g glutaraldehyde.

Material compatibility

The use is not recommended for the following materials: aluminium.
The use is only conditionally recommended for the following materials: polyethylene terephthalate (PET), polymethylmethacrylate (PMMA).

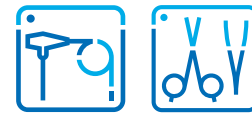
Precautionary and hazard statements

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Harmful to aquatic

life with long lasting effects. Corrosive to the respiratory tract. Do not breathe vapour. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. Avoid release to the environment. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to approved disposal company or local collection.

Read label before use.

THERMOSHIELD DESINFEKTANT



PROTECT

SPECTRUM OF EFFICACY AND CONTACT TIMES

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SPECTRUM OF EFFICACY AND CONTACT TIMES			5 min	7,5 min
bacteria and yeast				
application recommendation for instrument disinfection*: bactericidal, yeasticidal, tuberculocidal, mycobactericidal, fungicidal ¹	EN	55 °C clean conditions	0.75 %	
viruses				
application recommendation for instrument disinfection ¹ : virucidal ³	EN	55 °C clean conditions	1 %	
additional test results				
bakterizid ¹	EN 13727	55 °C clean conditions	0.5 %	
	EN 14561	55 °C clean conditions	0.5 %	
yeasticidal (C. albicans)	EN 13624	55 °C clean conditions	0.5 %	
	EN 14562	55 °C clean conditions	0.5 %	
virucidal ³	EN 14476	58 °C clean conditions	0.75 %	
	EN 14476	55 °C clean conditions	1 %	
	EN 14476	58 °C dirty conditions		1 %
	EN 17111	58 °C clean conditions	0.5 %	
	EN 17111	55 °C clean conditions	0.75 %	
fungicidal (A. brasiliensis)	EN 13624	55 °C clean conditions	0.5 %	
tuberculocidal (M. terrae)	EN 14348	55 °C clean conditions	0.5 %	
	EN 14563	55 °C clean conditions	0.5 %	
mycobactericidal (M. terrae, M. avium)	EN 14348	55 °C clean conditions	0.75 %	
	EN 14563	55 °C clean conditions	0.5 %	
Proven spore depletion in the process according to EN 15883-5				

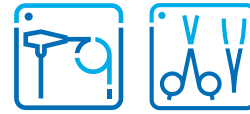
1 – including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)

2 – test virus murine parvovirus (MVM)

3 – virucidal activity according to EN 14476/EN 17111 meets the requirements of hygiene of reprocessing of medical devices (KRINKO, BfArM), including the virucidal activity according to RKI-DVV methods

INSTRUMENTS / AUTOMATED REPROCESSING

THERMOSHIELD DESINFEKTANT



PROTECT

PURCHASING INFORMATION

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Product	Single unit	Delivery Unit	Content	REF
THERMOSHIELD DESINFEKTANT	Flat canister	3	5 L	00-134-050E
	Drumtainer	1	200 L	00-134-FD200

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.



CE 0123

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.