



Automated reprocessing

THERMOSHIELD® NR

Cleaner for chemothermal reprocessing of endoscopes

- High degree of material compatibility
- Certified cleaning performance
- Especially suited for flexible endoscopes



Product description

THERMOSHIELD NR is a pH-neutral instrument cleaner for cleaning and disinfection of medical instruments and medical devices in automated washing machines.

Due to its enzyme-free formulation **THERMOSHIELD NR** is also suitable for the chemothermal disinfection and cleaning and can be used in all types of washing machines with BGA- and RKI-programs for sectors of efficacy A and B.

THERMOSHIELD NR has been tested intensively for a long period in hospitals and medical practises. Due to its excellent cleaning results **THERMOSHIELD NR** is recommended for all automatic cleaning machines.

A great advantage of **THERMOSHIELD NR** is the neutral pH-value. The neutral pH-value ensures careful and gentle cleaning. Moreover, additional rinsing for neutralisation is not necessary in contrast to all alkaline

cleaners. The saving of the neutraliser, the very low use concentration and the fact that the product is biologically degradable (acc. to OECD-guideline 301D) highlight an ecologically convincing product concept. Due to its pH-neutral and virtually non-foaming formulation **THERMOSHIELD NR** is an ideal pre-cleaner for **THERMOSHIELD DESINFECTANT** for the automated reprocessing of flexible endoscopes at 55 - 60 °C .

Range of application

THERMOSHIELD NR cleans all kinds of surgical instruments, also highly sensitive MIC-instruments, rigid and flexible endoscopes as well as materials used in the anaesthesia and sensitive materials such as aluminium, synthetic materials, rubber and silicone. Also suitable as a cleaner for thermal reprocessing of thermostable instruments. Suitable for RKI-(BGA-) and Vario programs and for all types of automated washing machines.

Application

Place instruments into the machine according to instructions (e.g. hygiene plan). All surfaces and cavities must be accessible for the washing liquid.

Do not overload machine to assure a complete cleaning.

1. Cleaning cycle with **THERMOSHIELD NR**
2. Disinfection cycle with **THERMOSHIELD DESINFECTANT**

Dosage

Depending on level of soiling: 3 – 7 ml/L.
For reprocessing of endoscopes: 4 – 6 ml/L.

Follow manufacturer's instructions for use with washing machines.

Application notes

Do not add at temperatures below 35 °C.





Automated reprocessing

THERMOSHIELD® NR

Cleaner for chemothermal reprocessing of endoscopes

Composition

100 g solution contain:
Non-ionic surfactants 5 – 15 %,
corrosion inhibitors

Expert opinions

We have extensive expert reports for all our products. Upon request we are glad to supply you with an expert report portfolio.

Precautionary and hazard statements

Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid release to the environment. Dispose of contents/ container to approved disposal company or local collection.

For professional use only.

Product	Single unit	Content	Delivery unit	REF
THERMOSHIELD NR	Canister	5 l	3	00-119-050-02
Application aids	Dosage pump	2l/5 l/10 l	1	00-906-000-01
	Tap	2l/5 l/10 l	1	00-907-000
Additional supplies	Canister opener	-	1	00-909-050



Dr. Schumacher is certified according to DIN EN 13485, DIN EN ISO9001, DIN EN ISO14001, BS OHSAS 18011 and has a validated environment management system according to EMAS and is a member of IHO, VCI, BAH, DGSV and of the DGKH. www.schumacher-online.com

