

MEtherm® 50 – Mildly-alkaline enzymatic cleaning agent



Manufacturer

MELAG Medizintechnik GmbH & Co. KG
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1. Overview of product advantages

- High-performance cleaning agent combining enzymes and surfactants
 - Silicate-free to avoid films
 - Low application concentration makes for economical use
 - Especially low-foaming recipe with optimized material-compatibility
 - pH value > 10 for risk reduction with CJD in accordance with KRINKO recommendation
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2. Product description

MEtherm 50 is a high-performance, mildly-alkaline cleaning agent for the automatic cleaning of medical / dental instruments and equipment such as dental instruments, surgical instruments MIC/micro instruments, ophthalmological instruments, fixed endoscopes etc.

The excellent cleaning performance of MEtherm 50 is achieved by an innovative combination of surfactants and enzymes. Even a low metering of MEtherm 50 removes organic soiling such as blood, proteins, tissue residue, mucus and fatty deposits.

In addition to the cleaning performance of MEtherm 50, its combination of active agents enables excellent material-compatibility, even with sensitive materials such as anodized aluminium and non-ferrous metals.

The pH value of MEtherm 50 in the application concentration is > 10 and makes a contribution to reducing the risks associated with CJD given a raised, non protein-fixing process temperature in the rinse liquor in accordance with KRINKO recommendations.

3. Application usage advice

Application concentration:

Depending on the degree of soiling, we recommend 5-10 ml/l (0.5-1 %). The metering is set once upon commissioning of the MELAtherm 10 and is performed fully-automatically via the integrated metering module.

Application usage advice:

Should it become necessary to replace the container, a corresponding message will be issued on the display of MELAtherm 10. Do not mix MEtherm 50 with other process agents.

When reprocessing ophthalmological instruments, two intermediate rinsing stages with DI water are required before thermal disinfection. Please comply with the instructions in the MELAtherm 10 user manual.

4. Technical data

Composition:

Marking in accordance with VO (EG) no. 648/2004:

5-15 % anionic surfactants, < 5 % non-ionic surfactants, < 5 % polycarboxylate, enzymes

Further contents: solubilizers, corrosion inhibitors

Density: approx. 1.1 g/cm³ / 20 °C

Colour: yellow

Form: liquid

Flash point: > 100 °C / method: DIN 51755 part 1

pH: approx. 11 / 20 °C / concentrate

Viscosity, dynamic: approx. 9 mPa*s / method: ISO 3219

5. Other data

Keep the container sealed closed. Store in original packaging. Protect against frost, heat and direct sunlight (storage temperature: 5-25 °C).

6. Ordering information

Article:		Art. no.:
MEtherm 50	5 l Container	11620
Container key for 5 l and 10 l		11906

7. Related products

- MEtherm 55 - Neutralizer C (citric acid-based)
 - MEtherm 56 - Neutralizer P (phosphoric acid-based)
 - MEtherm 60 - Rinse aid
 - MEtherm 61 - Rinse aid
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