

Manual cleaning and disinfection


Please follow **chemical reagents manufacturers instructions** paying close **attention to proper dilution and recommended exposure times**.

Regarding the microbiological effectiveness please ask the manufacturer. We approved the following cleaning- and disinfection solutions for use with **KARL STORZ** instruments regarding the material compatibility:

| Supplier | Trade name | Method / see legend |
|---------------------------------------|--------------------------------|---------------------|
| Acto GmbH | Actosed Endo Terra | 2 |
| Acto GmbH | Actosed Enzym | 1 |
| Acto GmbH | Actosed Forte | 1, 2 |
| Acto GmbH | Actosed PA Powder | 2 |
| Advanced Sterilization Products* | Cidex 7 | 2 |
| Advanced Sterilization Products | Cidex O.P.A. | 2 |
| Advanced Sterilization Products | NU Cidex. | 2 |
| Advanced Sterilization Products | Cidex Plus | 2 |
| Advanced Sterilization Products | Enzol (Cidezyme) | 1 |
| Akadia – Chemie | Akudent | 2 |
| AMC | Omnicide | 2 |
| AMC | Omnicide 14 | 2 |
| Anios | Hexanios G+R | 1 |
| Anios | Anioxyde 1000 | 2 |
| Antiseptica chem. – pharm. Prod. GmbH | Descogen I | 1, 2 |
| Antiseptica chem. – pharm. Prod. GmbH | Kombi – Instru. - Desinfektion | 1, 2 |
| Bochemie | Discleen Endo AF | 1, 2 |
| Bochemie | Discleen Enzyme | 1 |
| Bochemie | Discleen Endo PAA | 1, 2 |
| Bochemie | Discleen Extra | 1, 2 |
| Bode Chemie | Aseptisol | 2 |
| Bode Chemie | Bodedex forte | 1 |
| Bode Chemie | Bodephen | 1 |
| Bode Chemie | Bomix plus | 2 |
| Bode Chemie | Korsolex basic | 2 |
| Bode Chemie | Korsolex extra | 2 |
| Bode Chemie | Korsolex FF | 2 |
| Bode Chemie | Korsolex PAA | 2 |
| Borer Chemie AG | Deconex 50FF | 2 |
| Borer Chemie AG | Deconex HLD PA / PA 20 | 2 |
| B. Braun Medical AG | Helipur H plus N | 1, 2 |
| B. Braun Medical AG | Helizyme | 1 |
| B. Braun Medical AG | Helix ultra | 2 |

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| B. Braun Medical AG | Stabimed | 1, 2 |
| Calgon Vestal Laboratories | Klenzyme | 1 |
| Deppe, Laboratorium Dr. rer.nat. | EndoStar | 2 |
| Deppe, Laboratorium Dr. rer. Nat. | InstruPlus | 1, 2 |
| Deppe, Laboratorium Dr. rer.nat. | InstruZym | 1 |
| Ecolab GmbH & Co. OHG | Sekusept Aktiv | 1, 2 |
| Ecolab GmbH & Co. OHG | Sekusept MultiEnzyme | 1 |
| Ecolab GmbH & Co. OHG | Sekusept easy | 2 |
| Ecolab GmbH & Co. OHG | Sekusept forte | 2 |
| Ecolab GmbH & Co. OHG | Sekusept Cleaner | 1 |
| Ecolab GmbH & Co. OHG | Sekusept pulver classic | 1, 2 |
| Ecolab GmbH & Co. OHG | Sekusept plus | 1, 2 |
| Ecolab GmbH & Co. OHG | SekuZyme | 1 |
| Fresenius | Sporcid | 2 |
| Heck dental GmbH | ventisept M Plus Neu | 1, 2 |
| Th. Goldschmidt AG | Somplex | 1 |
| Th. Goldschmidt AG | Tegomet | 2 |
| Lysoform Disinfection Co. | Lysoformin 2000, - 3000 | 2 |
| Merz Hygiene GmbH | Mucodont-Zymaktiv | 1 |
| Merz Hygiene GmbH | Mucocit – T neu | 1, 2 |
| Metrex Research Corporation | Coldspor | 2 |
| Metrex Research Corporation | Empower | 1 |
| Metrex Research Corporation | MetriCide | 2 |
| Metrex Research Corporation | Metrizyme | 1 |
| Miltex, Inc. | EZ – Zyme | 1 |
| HOLIFA Polska Sp.z o.o | Polsept Plus | 1, 2 |
| The Ruhof Corporation | Endozime | 1 |
| Schülke & Mayr GmbH | Gigazyme | 1 |
| Schülke & Mayr GmbH | Gigasept AF forte | 1, 2 |
| Schülke & Mayr GmbH | Gigasept FF (neu) | 2 |
| Schülke & Mayr GmbH | Gigasept Med forte | 1, 2 |
| Schülke & Mayr GmbH | Gigasept PAA concentrate | 2 |
| Schülke & Mayr GmbH | Gigazyme | 1 |
| Dr. Schumacher GmbH | Instru plus flüssig | 1 |
| Dr. Schumacher GmbH | Descoton extra | 1, 2 |
| Dr. Schumacher GmbH | Descoton forte | 2 |
| Wavi Energie System INC. | Wavicide-01 | 2 |
| Weigert, Dr. GmbH & Co. | neodisher Septo 3000 | 2 |
| Weigert, Dr. GmbH & Co. | neodisher Septo 2000 new | 2 |
| Weigert, Dr. GmbH & Co. | neodisher LM2 | 1 |
| Weigert, Dr. GmbH & Co. | Neodisher Septo PreClean | 1, 2 |
| Whiteley Industries PTY. Ltd. | Matrix | 1 |

* = Johnson & Johnson

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|  | Chemicals for cleaning and disinfection of video endoscopes | Actuality: 4th August 2009 |
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Legend:

- 1 = cleaner
- 2 = disinfection agent

For others as mentioned above KARL STORZ gives no guarantee in case of damage.

Attention: Video-endoscopes cannot be placed in an ultrasonic cleaning
Video-endoscopes cannot be heated by the chosen cleaning and disinfection procedure independently over 60°C.

Cleaning and disinfection in washer-disinfectors

Regarding the microbiological effectiveness, please contact the manufacturer of the chemical detergent. We approved the following cleaning- and disinfection solutions for use with KARL STORZ instruments in washer-disinfectors regarding material compatibility:

| Supplier | Trade name | Method / see legend |
|-----------------------------------|------------------------------|---------------------|
| Advanced Sterilization Products* | Cidex O.P.A | 2 |
| Bochemie | Discleen Enzyme | 1 |
| Bode Chemie | Korsolex Endo - Cleaner | 1 |
| Bode Chemie | Korsolex Endo - Disinfectant | 2 |
| Borer Chemie AG | Deconex 23 Neutrazym | 1 |
| Borer Chemie | Deconex Endomatic | 2 |
| B. Braun Medical AG | Helimatic Cleaner Neutral | 1 |
| B. Braun Medical AG | Helimatic Cleaner Enzymatic | 1 |
| B. Braun Medical AG | Helimatic Disinfectant | 2 |
| Deppe, Laboratorium Dr. rer. nat. | Labomat E | 1 |
| Deppe, Laboratorium Dr. rer. nat. | Endomat Plus | 2 |
| Merz Hygiene GmbH | Mucapur ER | 1 |
| Merz Hygiene GmbH | Mucapur ED | 2 |
| Minntech / Medivators | Rapicide | 2 |
| Schülke & Mayr GmbH | Thermosept ER | 1 |
| Schülke & Mayr GmbH | Thermosept ED | 2 |
| Schülke & Mayr GmbH | Thermosept PAA | 2 |
| Schumacher, Dr. GmbH | Thermoton NR | 1 |
| Schumacher, Dr. GmbH | Thermonton Endo | 2 |
| Schumacher, Dr. GmbH | Thermoton Desinfektant | 2 |
| Weigert, Dr. GmbH & Co. | neodisher FE | 1 |
| Weigert, Dr. GmbH & Co. | neodisher Septo Pac | 2 |
| Weigert, Dr. GmbH & Co. | neodisher Medizym | 1 |
| Weigert, Dr. GmbH & Co. | neodisher MediClean forte | 1 |
| Weigert, Dr. GmbH & Co. | neodisher Septo DN | 2 |

* = Johnson & Johnson

Legend:

1 = cleaner

2 = disinfection agent

For others as mentioned above KARL STORZ gives no guarantee in case of damage.

Attention: Video-endoscopes cannot be placed in an ultrasonic cleaning bath
Video-endoscopes cannot be heated by the chosen cleaning and disinfection
procedure independently over 60°C.