Dental Products
Disinfection, Hygiene and Care
Complete product range 2019
Dr. Schumacher GmbH has been protecting staff and patients from infections and contaminations with its products for more than 40 years: highly effective, safe and easy to use.

Safety through Competence

In 1968, Dr. Henning Schumacher began his career as a chemist in the Research and Development department of a well-known disinfectant manufacturer in Hamburg. After several years of success in R&D, he followed an offer from a large German medical device company located in northern Hesse. Always focused on the safety of medical personnel and patients, he founded Dr. Schumacher GmbH in Melsungen, Germany. With the freedom to follow his vision and expedite decision-making, Dr. Schumacher grew his passion into one of the most trusted names in disinfection.

In the late 1990s, Dr. Henning Schumacher handed over the company to his sons, Dierk, a chemist, and Jens, a pharmacist and MBA. They have continued to grow Dr. Schumacher GmbH with the philosophy of their father. Research and development of innovative products remains the essential base of the company’s strategy for both sons.

Now headquartered in Malsfeld, Germany, Dr. Schumacher GmbH is one of Europe’s leading providers for development and production of hygiene, disinfection and care products in the medical industry. Family owned, Dr. Schumacher GmbH employs more than 1,500 people in eight countries and is currently the only disinfectant manufacturer with a fully integrated wipe production. Exporting to over 70 countries world-wide, Dr. Schumacher is a recognized international expert in hygiene and disinfection.

Leader in Innovation

Dr. Schumacher is the leader among German producers of aldehyde-free instrument disinfectants. At the beginning of the 1980’s, our ground-breaking Research and Development team introduced the first highly effective surface disinfectants free from aldehydes and phenols. The first aldehyde and phenol-free instrument disinfectant with efficacy against tuberculosis and compliant with the German Association for Hygiene and Microbiology guidelines (DGHM) followed shortly thereafter. With the following generations of instrument disinfectants, Dr. Schumacher GmbH proved to the medical community and regulators that is possible to keep exposure times short without aldehydes and while minimizing the amount of active substances in the solution.

Quality at the Highest Level

Our products are made using cutting edge technology to ensure the highest standard of safety and convenience for the end-user. All products (drugs, medical devices, biocides and cosmetic products) are manufactured according to GMP guidelines. All products (drugs, medical devices, biocides and cosmetic products) are manufactured according to GMP guidelines, ISO 9001/EN 13485 and cosmetic GMP regulations.

40 Years of Expertise in Disinfection, Hygiene & Care

We offer more than just innovative products. Providing our customers with expert advice and service for disinfection and hygiene is our priority. Whether consulting product use or compliance with hygiene provisions, we are there to support you, and up to date product documentation is always readily available online at www.schumacher-online.com. Our knowledgeable, specially trained team is at your service for trainings or to help with technical application or hygiene issues. The close collaboration of our research department and our department of science and law is a big advantage of our corporate structure that allows us to respond quickly and flexibly to your needs. The close collaboration of our R&D and our Medical Science Department ensures our ability to react quickly and flexibly to your needs.

“...
The hygiene architect is based on six pillars. We offer orientation and structure by classifying your medical facility into three risk areas based on their hygiene requirements. We then align those requirements with the corresponding products and solutions from Dr. Schumacher with clear, area-specific, and practical application recommendations.

We support you with a user-oriented, product-related service and ensure maximum safety in the product application. The hygiene architect is based on six pillars. We offer orientation and structure by classifying your medical facility into three risk areas based on their hygiene requirements. We then align those requirements with the corresponding products and solutions from Dr. Schumacher with clear, area-specific, and practical application recommendations.

PREVENT level includes products that offer basic efficacy against bacteria, yeasts, and enveloped viruses and are well suited for routine disinfection.

Products recommended for the PRESERVE level are not only effective against bacteria, yeast, and enveloped viruses but also against some non-enveloped viruses: adenoviruses, noroviruses, and rotaviruses. Thanks to this comprehensive spectrum, these products are perfectly suitable for use in near-patient areas with higher disinfection requirements.

PRODUCT level products are specifically designed for applications with increased efficacy requirements. Products for the PROTECT level are specifically designed for applications with increased efficacy requirements. The concept allows flexible application with regard to tuberculocidal and sporicidal efficacy.

The distribution is flexible and can be adapted to suit particular requirements. For example, a general patient room at PRESERVE level can be elevated to an isolation area at PROTECT level in case of an outbreak.
Welcome to Dr. Schumacher.
People are the focus of our business. Regardless if you are a hygiene consultant, purchaser, user or patient: we offer effective and safe products for the daily use in all medical areas. Our innovative and high quality products are developed with a practical orientation in close collaboration with specialised personnel. We always regard economical appeal aligned with the size of an institution. Individual consultation and customized service for your personal needs complete our full service. We offer competent solutions and a complete service package for all questions pertaining to disinfection, hygiene and care.

It is in your hands.

Disinfection, Hygiene and Care

REFERENCES AND EXPLANATION

0482 Medical Device Directive 93/42 (EG)
RKI/DVV
RKI AB

Product is listed in the current list of disinfectants of the Association for Applied Hygiene (www.vah-online.de)

VAH
RKI A

German Association of Hygiene and Surface Protection Industries
List of disinfectants (www.iho-desinfektionsmitteliste.de)
List of virucidal products (http://www.iho-viruzidie-liste.de)

IHO

Virucidal effective product according to the guidelines of the German Association for the Control of Virus Diseases (DVV) and the Robert-Koch-Institute (RKI)

05.08 Product is listed in the current list of disinfectants of the Robert-Koch-Institute according to § 18 IfSG, efficacy spectrum A and AB respectively

05.04 Medical Device Directive 93/40 (EG)

05.05 Medical Device Directive 93/40 (EG)

APPLICATION AIDS

Wall dispensers
Dosage aids and holders

Rapid disinfection, alcohol-free
Rapid disinfection, alcoholic
Wipes for impregnation with disinfectants

Hand disinfection
Hand cleansing

Dental instrument disinfection
Dental instrument cleaning

Dental impressions
Special cleaner
Suction systems

Rapid disinfection, alcohol-free
Rapid disinfection, alcoholic
Wipes for impregnation with disinfectants

SPECIAL DENTAL APPLICATIONS

DENTAL INSTRUMENTS

SURFACE

HAND AND SKIN

CONTENT

APPLICATION AIDS

REFERENCES AND EXPLANATION
Hand and Skin

Hygiene

The hands of personnel in dental practices and dental clinics are the most important carriers of pathogenic germs. Consequently, frequent and regular hand disinfection is essential in order to avoid transmissions of infections. Besides safe and rapid disinfection efficacy of our hand disinfectant a good skin tolerance is very important to us. Therefore Dr. Schumacher avoids to use cumulative long-term active ingredients in our products, and we add skin-caring components to keep the skin healthy during daily stress. Cleaning of hands is always necessary before starting work as well as when hands are soiled. Since skin’s own oils and moisturizing factors are removed during a cleansing process, it is recommended to use a washing lotion with a skin friendly formula.

ASEPTOMAN® PERFUME-FREE
Alcoholic hand disinfectant

- Bactericidal, tuberculocidal, yeasticidal
- Active against all enveloped viruses
- Especially skin-friendly, with emollients for skin care

ASEPTOMAN PERFUME-FREE is an alcoholic hand disinfectant to be rubbed into the skin. ASEPTOMAN PERFUME-FREE is exceptionally kind to the skin. It is free from perfume and persistent long-term acting ingredients that might have an irritating or sensitising effect on the skin. Furthermore ASEPTOMAN PERFUME-FREE contains high quality emollients for skin care which protect the skin against dehydration.

<table>
<thead>
<tr>
<th>Active ingredients (per 100 g)</th>
<th>63.14 g (70 % V/V) 2-propanol</th>
</tr>
</thead>
</table>

**DESCOSOFT**
Washing lotion

- Fresh scent
- Mild cleansing
- With allantoin, refatting agents and glycerin

DESCOSOFT is a pH skin neutral washing lotion for mild cleansing of the skin and is characterized mainly by its pleasant fresh scent. DESCOSOFT contains allantoin, refatting agents and glycerine, which counteracts drying of the skin by hand washing. For easy identification of the filling level the product is coloured blue.

Use disinfectants safely. Always read the label and product information before use. Detailed explanation of our PREVENT - PRESERVE - PROTECT efficacies see page 5.*
Dental Instruments

Instrument disinfection and cleaning

Dental Medical devices contaminated with pathogenic germs can be sources of infections for human beings. A safe disinfection efficacy, a broad activity spectrum as well as good cleaning properties are the basic requirements for the development of instrument disinfectants. Equally important is a high degree of user-friendliness. To achieve the lowest possible content of hazardous substances and thus to increase the level of convenience and safety for the user and the environment is an essential quality criterion for all of our products. Furthermore our products are developed with additional focus on material compatibility.

DENTAL INSTRUMENTS
› DISINFECTION
› CLEANING

PERFEKTAN® TB
Aldehyde free concentrate for instrument cleaning and disinfection
- Aldehyde-free preparation with strong cleaning power
- High degree of material compatibility
- Pleasant scent

PERFEKTAN TB is an economical, material-friendly, active-cleaning instrument disinfectant for routine clinical use. Thanks to the exceptional antimicrobial efficacy a high degree of personal protection is assured during instrument processing. PERFEKTAN TB is characterised by a pleasant smell thanks to the aldehyde-free formulation and is suitable for use on medical instruments of all kinds.

Perfektan TB is characterised by a pleasant smell thanks to the aldehyde-free formulation and is suitable for use on medical instruments of all kinds.

Application recommendation for disinfection of medical devices
1 % - 60 min

Application recommendation for disinfectant cleaning of all kinds of surgical instruments
3 % - 15 min
2 % - 30 min

Spectrum of Efficacy and Contact Time
Hygiene levels and contact times / Spectrum of action
Application recommendation for disinfectant cleaning of all kinds of surgical instruments
3 % - 15 min
2 % - 30 min

INSTRU PLUS
Liquid detergent cleaner for instruments and endoscopes
- pH-neutral and gentle to all materials
- Strong cleaning power and compatible with all instrument disinfectants
- Suitable for ultrasound procedures

INSTRU PLUS is a particularly material-friendly product used for thorough cleaning of flexible and rigid endoscopes and all types of instruments. As a pH-neutral, aldehyde-free, tenside-based cleaner it is ideally suited for cleaning flexible endoscopes. INSTRU PLUS is listed by Pentax. In addition, the product makes an exceptionally good cleaning additive for our instrument disinfectants such as PERFEKTAN ENDO, PERFEKTAN NEU, PERFEKTAN TB, DESCOTON 2 % GDA and DESCOTON EXTRA. Because of its excellent material compatibility and good corrosion protection, it is suitable for all instruments made of metal, plastic, ceramic, glass, rubber and porcelain. Suitable for use in ultrasonic baths.

Use disinfectants safely. Always read the label and product information before use. Detailed explanation of level PREVENT, PRESERVE, PROTECT efficacies see page 5.*
Dental Instruments
Disinfection, cleaning and care

Impressions and dental workpieces are contaminated with pathogenic germs and have to be handled in a way to avoid infection of patients and personnel in the dental laboratory and third persons during transport. Dr. Schumacher pays special attention to the fact that any negative influence is avoided on dimensional properties or the surface quality of dental instruments and devices. The maintenance of dental instruments such as hand pieces and turbines is very important to preserve their value.

DISINFECTANT FOR DENTAL IMPRESSIONS

DESCOPRENT
Disinfectant for dental impressions and prosthetic materials

- Formaldehyde-free, phenol-free
- No influence on dimensional accuracy
- Does not damage surfaces

Ready for use preparation based on aldehydes and quaternary ammonium compounds for rapid and effective disinfection and cleaning of dental impressions by immersion. DESCOPRENT disinfects without having any negative influence on dimensional properties or the surface quality of the material. It is colourless and odourless and free from formaldehyde and phenols.

**SPECIAL DENTAL APPLICATIONS > INSTRUMENTS AND IMPRESSIONS**
Dental suction systems can be heavily soiled during the course of treatment. To minimize the risk for patients, regular and efficient disinfection and cleaning are essential. Our products are characterized by safe disinfection efficacy and high material compatibility. The product has excellent cleaning properties and is low-foaming. It is recommended to use DESCOSUC CLEANER as a pre-cleaner for the suction system before using DESCOSUC.

### DESCOSUC Disinfectant for dental suction systems

- Excellent cleaning properties
- Particularly low-foaming
- Optimal material protection for suction systems

DESCOSUC is a combined preparation for disinfection and cleaning of all dental suction systems. It is free from active chlorine and consequently does not remobilize heavy metals, such as mercury from amalgam. It is therefore exceptionally suitable for gentle disinfection and maintenance of dental suction systems with or without integrated amalgam separators. DESCOSUC is based on a complex combination of therapeutic ammonium compounds as active ingredients with a high material compatibility. The product has excellent cleaning properties and is low-foaming.

#### Spectrum of Efficacy and Contact Time

<table>
<thead>
<tr>
<th>Bacteria and Viruses</th>
<th>EN 14476</th>
<th>VAH</th>
<th>EN 14561</th>
<th>14562</th>
<th>EN 13624</th>
<th>EN 13727</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean conditions</td>
<td>1 %</td>
<td>2 %</td>
<td>1 %</td>
<td>1 %</td>
<td>0.5 %</td>
<td>2 %</td>
</tr>
<tr>
<td>Dirty conditions</td>
<td>1 %</td>
<td>2 %</td>
<td>1 %</td>
<td>1 %</td>
<td>1 %</td>
<td>2 %</td>
</tr>
</tbody>
</table>

* Including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)

#### Use disinfectants safely.
Always read the label and product information before use.

### DESCOSUC CLEANER Cleaner for dental suction systems

- Excellent cleaning power
- Low-foaming
- Additional intensive cleaner for use with DESCOSUC

Liquid concentrate for the regular intensive cleaning of dental suction systems with and without amalgam separators, dental sinks and lines. DESCOSUC CLEANER guarantees optimal cleaning and a trouble-free, smooth operation of the dental suction system.

#### Dosage

<table>
<thead>
<tr>
<th>Anwendungsempfehlung zur Reinigung von Absauganlagen</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 % - 10 %</td>
</tr>
</tbody>
</table>

### REPROCESSING OF DENTAL INSTRUMENTS

Dental suction systems can be heavily soiled during the course of treatment. To minimize the risk for patients, regular and efficient disinfection and cleaning are essential. Our products are characterized by safe disinfection efficacy and high material compatibility. They have excellent cleaning properties and are non-foaming.

### ORANGE SOLVENT Special cleaner for dental instruments

- Made of natural orange oils
- With excellent cleaning power
- Removes dental material residues easily

ORANGE SOLVENT is a ready-to-use cleaning solution which thoroughly removes alginate- and cement residues as well as zinc-eugenol spots from dental instruments and inventory. It is also suitable for removing adhesive residues, permanent marker residues and streaks from flooring.
Disinfection and cleaning of surfaces are very important measures to maintain the hygienic standard in dental practices and dental clinics. Since our products can be applied to all kinds of surfaces such as small patient-related surfaces/devices and machines as well as floors, cleaning properties as well as material compatibility play an important role in addition to antimicrobial efficacy. Dr. Schumacher offers fast acting preparations combining excellent cleaning properties and a high degree of material compatibility. Our modern formulations avoid unpleasant odours and provide a high level of user friendliness.

CLEANISEPT®
Liquid concentrate for surface disinfection and cleaning

- Disinfection and good cleaning power
- Alcohol-free
- Perfume-free

CLEANISEPT is an aldehyde-free concentrate for disinfection and cleaning of medical inventory, medical devices and all kinds of surfaces. CLEANISEPT is based on modern quaternary ammonium compounds. It is perfume-free, contains neither aldehydes nor phenols and stands out with its good cleaning power. CLEANISEPT is ideally suited for surface disinfection of non-porous surfaces. It is especially recommended for all areas where, in addition to the compliance with high hygienic demands, an odour-free product is required.

Surface Concentrates for Surface Disinfection

Disinfection and cleaning of surfaces are very important measures to maintain the hygienic standard in dental practices and dental clinics. Since our products can be applied to all kinds of surfaces such as small patient-related surfaces/devices and machines as well as floors, cleaning properties as well as material compatibility play an important role in addition to antimicrobial efficacy. Dr. Schumacher offers fast acting preparations combining excellent cleaning properties and a high degree of material compatibility. Our modern formulations avoid unpleasant odours and provide a high level of user friendliness.

Active ingredients:
- per 100 g: 3.33 g Didecyldimethylammoniumchloride;
- 6.66 g Alkyl (C12-16) dimethylbenzyl ammonium chloride.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Content</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>bottle</td>
<td>10</td>
<td>1 l</td>
<td>00-204-010EXD</td>
</tr>
<tr>
<td>bottle</td>
<td>6</td>
<td>2 l</td>
<td>00-204-020EXD-01</td>
</tr>
<tr>
<td>canister</td>
<td>3</td>
<td>5 l</td>
<td>00-204-050EXD</td>
</tr>
<tr>
<td>canister</td>
<td>1</td>
<td>10 l</td>
<td>00-204-100EXD</td>
</tr>
</tbody>
</table>

Spectrum of Efficacy and Contact Time

- Prevention levels and contact times / Spectrum of action:
- Preven: 2.5 % - 15 min,
- Preserv: 1 % - 60 min

DESCOSEPT AF LEMON
Ready-to-use, alcoholic rapid disinfectant

- Aldehyde-free rapid disinfectant
- Comprehensive virucidal efficacy incl. norovirus (MNV)
- With fresh lemon scent

DESCOSEPT AF LEMON is a ready-to-use, aldehyde-free rapid disinfectant based on ethanol and quaternary ammonium compounds. DESCOSEPT AF LEMON offers all the advantages of DESCOSEPT AF, but with a fresh lemon scent. Its aldehyde-free formulation prevents discoloration of materials and is friendly to skin. DESCOSEPT AF LEMON is effective against all enveloped viruses and Noroviruses (MNV).

It is well suited for all surfaces where rapid disinfection is required, e.g. in the following areas:
- near patient surfaces such as patient beds, bedside tables, treatment chairs and vehicles for patient transport
- alcohol resistant surfaces such as bathtubs, toilet seats and transport baskets
- alcohol resistant medical devices such as thermometers, sphygmomanometers and venous tourniquets

Active ingredients:
- per 100 g: 42 g (50 % V/V) Ethanol; 0.05 g Didecyldimethylammoniumchloride

<table>
<thead>
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<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>bottle</td>
<td>10</td>
<td>1 l</td>
<td>00-311L-010EXD</td>
</tr>
<tr>
<td>canister</td>
<td>3</td>
<td>5 l</td>
<td>00-311L-050EXD</td>
</tr>
<tr>
<td>canister</td>
<td>1</td>
<td>10 l</td>
<td>00-311L-100EXD</td>
</tr>
</tbody>
</table>

Spectrum of Efficacy and Contact Time

- Prevention levels and contact times / Spectrum of action:
- Prevent: 2 min,
- Preserve: 1 min

applicable as foam

Applicable as an aerosol

applicable as a solution

applicable as an alcohol solution

applicable as foam

applicable as a gel

Applicable as a cleaning concentrate

Applicable as a foam

Applicable as a gel

Applicable as a solution

Applicable as a cleaning concentrate

Applicable as a foam

Applicable as a gel

Applicable as a solution

Applicable as a cleaning concentrate
**SURFACE › RAPID DISINFECTION WIPES**

**DESCOSEPT AF WIPES LEMON**

Alcoholic wipes for rapid disinfection

- Universal, comfortable and time-saving application using a practical dispenser
- Basic, rapid efficacy
- Especially suited for disinfection of small-sized surfaces in routine areas

DESCOSEPT AF WIPES are alcoholic, ready-to-use wipes for the disinfection and cleaning of alcohol-resistant medical devices and medical inventory, as well as surfaces of all kinds. DESCOSEPT AF WIPES offer a time-saving disinfection and cleaning application of small surfaces. The wipes can be removed individually from the practical and reclosable dispenser box.

### FILLING OF WET WIPES DISPENSER

When using wet wipe systems for surface disinfection the basic hygienic standards are to be regarded. For protection of the user as well as to inhibit contamination of the wipe material, chemical protection gloves should be worn.

For use with ready to use or according to manufacturers guidelines prepared disinfectants.

A standing time of 28 days has been tested with the following Dr. Schumacher products: DESCOSEPT AF LEMON, CLEANISEPT

- Remove dispenser cover and place it upside down on the working surface.
- Take refill roll out of its package and replace into the dispenser bucket. Alternative: Place ready to use wipes into the bucket and proceed with step 4.

### DESCOS WIPES

Dispenser bucket

- Re-usable non-woven wipes dispenser for filling with DESCOS WIPES non-woven wipes and saturating with suitable surface disinfectants

DESCOS WIPES is a reusable non-woven wipe dispenser system for disinfection and cleaning of medical devices and medical equipment of all types. DESCOS WIPES is made up of a reusable non-woven wipe dispenser system and corresponding rolls of non-woven wipes for refilling. It can be used in combination with both ready-to-use organic disinfectants and ready-to-use application solution of disinfectant concentrates, making it very flexible. DESCOTEX reprocessing and disinfecting wipes are provided with every refill package to enable hygienic preparation before refilling the non-woven wipe dispenser.

### Filling Instructions

- Slowly pour the disinfecting solution, in a spiral motion, onto the refill roll.
- Pull the first wipes from the middle of the refill and guide it through the star shaped withdrawal system.
- Ensure that the withdrawn wipe is completely enclosed when you close the lid.
- Complete included label and attach to the dispenser lid.
- Ready to use after 30 minutes.

### Dosing Instructions

<table>
<thead>
<tr>
<th>Solution Level</th>
<th>1%</th>
<th>3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working solution</td>
<td>1.5%</td>
<td>4.5%</td>
</tr>
</tbody>
</table>

### Spectrum of Efficacy and Contact Time

<table>
<thead>
<tr>
<th>Microorganisms</th>
<th>Spectrum of action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PREVENT</strong></td>
<td><strong>PROTECT</strong></td>
</tr>
<tr>
<td>Enveloped viruses</td>
<td>5 min</td>
</tr>
<tr>
<td>Tuberculocidal efficacy (EN 14348)</td>
<td>1 min</td>
</tr>
</tbody>
</table>

### Active Ingredients

- Active ingredients per 100 g: 42.0 g ethanol; 0.05 g didecyldimethyl ammoniumchloride

### Single Unit

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Content</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispenser box</td>
<td>1</td>
<td>120 wipes</td>
<td>14 x 20 cm</td>
<td>00-312-D120-01</td>
</tr>
<tr>
<td>refill</td>
<td>12</td>
<td>120 wipes</td>
<td>14 x 20 cm</td>
<td>00-312-R120-01</td>
</tr>
</tbody>
</table>

### Dispenser bucket

- Re-usable non-woven wipes dispenser system and corresponding rolls of non-woven wipes for refilling. It can be used in combination with both ready-to-use organic disinfectants and ready-to-use application solution of disinfectant concentrates, making it very flexible. DESCOTEX reprocessing and disinfecting wipes are provided with every refill package to enable hygienic preparation before refilling the non-woven wipe dispenser.

### Single Unit

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<th>Unit</th>
<th>Content</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispenser bucket</td>
<td>1</td>
<td>empty</td>
<td>-</td>
<td>00-915-SD001</td>
</tr>
<tr>
<td>dispenser bucket</td>
<td>6</td>
<td>empty</td>
<td>-</td>
<td>00-915-SD020</td>
</tr>
<tr>
<td>wall holder</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>00-912-SDH</td>
</tr>
<tr>
<td>dispenser bucket small</td>
<td>1</td>
<td>empty</td>
<td>-</td>
<td>00-915-SD001</td>
</tr>
<tr>
<td>dispenser bucket small</td>
<td>6</td>
<td>empty</td>
<td>-</td>
<td>00-915-SD002</td>
</tr>
<tr>
<td>wall holder small</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>00-912-EDH</td>
</tr>
</tbody>
</table>

### DESCOS WIPES pack

- 3 pack 100 wipes 30 x 32 cm 00-915-RED10003-01
- 6 pack 100 wipes 30 x 32 cm 00-915-RED10006-01
- 3 pack 50 wipes 30 x 32 cm 00-915-RED5003-01

### DESCOS WIPES small

- 3 pack 70 wipes 25 x 25 cm 00-915-RED7003-01
Application aids

Wall Dispensers and Dosage Aids

Additional equipment for medical disinfection and cleaning ease the daily handling and dosing of the utilized products. Proper dosage aids can influence dripping and therefore reduce unnecessary wastage. Dispensers and spray heads enable a targeted application and exact released amount and hence an optimised consumption. With flexibly mountable holders, disinfection can conveniently be reached and ready for use in nearly anywhere. Dr. Schumacher makes it possible to comply with strict hygiene guidelines with these coordinated components.
AK 500/1000 PLUS + TOUCHLESS

Arm lever wall dispenser and touchless wall dispenser in aluminium housing

Arm lever wall dispenser in aluminium housing with exchangeable stainless steel pump. Easy removal without disassembly. Dispenser is suitable for 500 ml or 1 l dispenser bottles. Dosage quantity is 1.5 ml/stroke and can be reduced in three steps. AK 500/1000 PLUS wall dispenser is autoclavable. AK 1000 PLUS TOUCHLESS is a touchless wall dispenser with integrated battery indicator.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK 500/1000 PLUS (long lever)</td>
<td>wall dispenser</td>
<td>1</td>
<td>500 ml</td>
</tr>
<tr>
<td></td>
<td>wall dispenser</td>
<td>1</td>
<td>1 l</td>
</tr>
<tr>
<td>AK 500/1000 PLUS (short lever)</td>
<td>wall dispenser</td>
<td>1</td>
<td>500 ml</td>
</tr>
<tr>
<td></td>
<td>wall dispenser</td>
<td>1</td>
<td>1 l</td>
</tr>
<tr>
<td>AK 1000 PLUS TOUCHLESS</td>
<td>wall dispenser</td>
<td>1</td>
<td>1 l</td>
</tr>
</tbody>
</table>

SPE 1000

Arm lever wall dispenser and touchless wall dispenser in plastic design

Arm lever wall dispenser and touchless wall dispenser with integrated collecting tray. Closed dispenser with viewing window. Suitable for 1 l dispenser bottles. Dosage quantity approx. 1.8 ml/stroke, reducible in three steps.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 1000</td>
<td>wall dispenser</td>
<td>1</td>
<td>1 l</td>
</tr>
</tbody>
</table>

RX5 + TOUCHLESS

Plastic dispenser for wall installation

RX5M manual plastic dispenser for wall installation for liquid soaps and hand disinfectants, optionally suitable for installation on walls and columns. Includes exchangeable plastic pump. The average dose is 1.5 ml/stroke. The dispenser is not lockable. Tray holder included.

RX5T is a contact-free counter-top dispenser for liquid soaps and disinfectants with sensor technology, for 500 ml dispenser bottles. The dispenser is made of plastic and can be used free-standing or installed on a wall or column. Includes exchangeable plastic pump. The average dose is 1.5 ml/stroke; the power supply comes from 4 LR14 batteries.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX5M</td>
<td>wall dispenser</td>
<td>1</td>
<td>500 ml</td>
</tr>
<tr>
<td>RX5T</td>
<td>Touchless dispenser</td>
<td>1</td>
<td>500 ml</td>
</tr>
</tbody>
</table>

WORK INSTRUCTIONS

If you would like additional information on the use of a product, you can find product- and application-specific work instructions under ‘Downloads > Instructions, Plans’ on our home page www.schumacher-online.com
DOSING PUMP
Dosing aid for containers and dispenser bottles

The dosage pump is available in three different versions: dosage pump with 30 ml/stroke, fits 2 l bottles, 5 or 10 l containers, adapter available on demand for smaller dosing (20 ml, 10 ml). Dosage pump with 3 ml/stroke, fits 500 ml/1 l bottles or dosage pump with 2 ml/stroke, fits 500 ml/1 l bottles.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dosage pump with 30 ml/stroke</td>
<td>1</td>
<td>235x70</td>
<td>00-904-999</td>
</tr>
<tr>
<td>Dosage pump with 3 ml/stroke</td>
<td>1</td>
<td>500 ml/1 l</td>
<td>00-904-665-00</td>
</tr>
<tr>
<td>Dosage pump with 2 ml/stroke</td>
<td>1</td>
<td>500 ml/1 l</td>
<td>00-904-665EX</td>
</tr>
</tbody>
</table>

MEASURING AIDS
For surface and instrument disinfection and cleaners

The measuring aids are available in different versions: 1 l dosing bottle with 60 ml measuring chamber, canister key for opening 5 l and 10 l containers and taps for 2 l bottles with handles and 5 l, 10 l and 30 l containers.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dosage bottle</td>
<td>1</td>
<td>1 l with 60 ml measuring chamber</td>
<td>00-906-010</td>
</tr>
<tr>
<td>Canister opener</td>
<td>1</td>
<td>-</td>
<td>00-906-665</td>
</tr>
<tr>
<td>Tap</td>
<td>1</td>
<td>2 l / 5 l / 10 l</td>
<td>00-907-800</td>
</tr>
<tr>
<td>Tap</td>
<td>1</td>
<td>30 l</td>
<td>00-907-300</td>
</tr>
</tbody>
</table>

SPRAY HEADS
For surface disinfection and cleaners

The spray heads are available in different versions: Spray head for 500 ml bottle, spray head for 500 ml/1 l dispenser bottles and foam spray head for 500 ml/1 l dispenser bottles.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray head</td>
<td>1</td>
<td>500 ml</td>
<td>00-905-005</td>
</tr>
<tr>
<td>Spray head</td>
<td>1</td>
<td>1 l</td>
<td>00-905-010</td>
</tr>
<tr>
<td>Foam spray head</td>
<td>1</td>
<td>1 l</td>
<td>00-912-010</td>
</tr>
</tbody>
</table>

MEASURING JUG/CUP
For surface and instrument disinfection and cleaners

The measuring jug (3 l) and cup (40 ml) are perfect for dosing products for surface and instrument disinfection as well as cleaners.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring jug</td>
<td>1</td>
<td>3 l</td>
<td>00-906-033</td>
</tr>
<tr>
<td>Measuring cup</td>
<td>1</td>
<td>40 ml</td>
<td>00-906-004</td>
</tr>
</tbody>
</table>

DESCOFLEX BOTTLE HOLDER MH
For variable installation of dispenser bottles

DESCOFLEX MOBILE HOLDER MH is made of chrome-plated stainless steel for variable attachment of dispenser bottles on bed frames, care trolleys etc. Easy to apply and suitable for 500 ml/1 l bottles.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottle holder MH</td>
<td>1</td>
<td>500 ml/1 l</td>
<td>00-902-MH</td>
</tr>
</tbody>
</table>

DESCOFLEX WALL HOLDER
For hand and skin cleansing/disinfection products

DESCOFLEX wall holder is a stable plastic construction which is suitable for wall mounting. The holder can be used in combination with 500 ml/1000 l dispenser bottles.

<table>
<thead>
<tr>
<th>Single Unit</th>
<th>Unit</th>
<th>Size</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall holder</td>
<td>1</td>
<td>500 ml/1 l</td>
<td>00-902-0004</td>
</tr>
</tbody>
</table>

Single Unit | Unit | Size | REF     |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray head</td>
<td>1</td>
<td>500 ml</td>
<td>00-905-005</td>
</tr>
<tr>
<td>Spray head</td>
<td>1</td>
<td>1 l</td>
<td>00-905-010</td>
</tr>
<tr>
<td>Foam spray head</td>
<td>1</td>
<td>1 l</td>
<td>00-912-010</td>
</tr>
</tbody>
</table>