Technology of cleanliness

Hygiene technology by schülke.
Good hygiene products can only unfold their complete benefits if they are correctly dosed and operated. This is where hygiene technology from schülke comes into play. Exact dosing, secure usage and appropriate application lead to optimal results!

Dosing set

- For 450/500 ml and 1 l hand disinfectant, wash and cream lotions
- Set consists of mounting and pump

Metal wall dispenser

- Simple and precise dosing of hand disinfectant, wash and care lotions
- No recontamination or evaporation due to unique pump function and integrated bottle closure
- Doses the required amount of solution through the adjustable dosing stroke in amounts of approx. 1, 2, 3 ml per stroke.
- Pump system and outlet value are coordinated and take into account the viscosity of the solutions.
- No drips, no leakage, no drying up, no evaporation, no recontamination
- If required the wall dispenser can be removed from the wall mounting plate.
- Suitable for bottles from 450/500 ml to 1000 ml (incl. 1 l Euro bottles)
## Metal wall dispenser: the schülke KH dispenser

### Model KH-SM 26/24

- Simple and exact dosing of hand disinfectant, wash and care solutions
- Doses the required amount of solution through a three-fold adjustable dosing pump in amounts of approx. 0.8 to approx. 1.8 per stroke.
- The replaceable pump made from high-grade steel ensures problem-free solution flow. No clogging, no sticking or dripping.
- Casing made from matt-silver anodised aluminium, arm lever made of high-grade steel.
- If required the dispenser can be removed from the wall mounting plate.
- For all standard 350 ml – 500 ml bottles.
- Design with short arm lever

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>KH-SM</td>
<td>8.2 cm</td>
<td>16.2 cm</td>
<td>27.3 cm</td>
</tr>
</tbody>
</table>

### Model KLS 26/24

- For all standard 350 ml – 500 ml bottles
- Design with short arm lever

### Dimensions

<table>
<thead>
<tr>
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<th>Width</th>
<th>Depth</th>
<th>Height</th>
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</thead>
<tbody>
<tr>
<td>KLS</td>
<td>8.2 cm</td>
<td>23.0 cm</td>
<td>28.2 cm</td>
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</table>

### Model KHW 26/24

- For all standard 1000 ml bottles (Euro bottles).
- Design with short arm lever

### Dimensions

<table>
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<th>Width</th>
<th>Depth</th>
<th>Height</th>
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</thead>
<tbody>
<tr>
<td>KHW</td>
<td>9.4 cm</td>
<td>16.2 cm</td>
<td>31.7 cm</td>
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</table>

### Model KHLS 26/24

- For all standard 1000 ml bottles (Euro bottles).
- Design with short arm lever

### Dimensions

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<th>Width</th>
<th>Depth</th>
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</thead>
<tbody>
<tr>
<td>KHLS</td>
<td>9.4 cm</td>
<td>22.5 cm</td>
<td>32.7 cm</td>
</tr>
</tbody>
</table>

### Preparation of dispensers

The Robert Koch Institute recommends:

"Dispensers must be thoroughly cleaned or, disinfected before being refilled respectively"

- Replace containers in accordance with the operating instructions of the respective dispenser
- Clean only with warm water and do not use any corrosive (chlorine-containing) cleaning agent or scouring agent!
- Rinse through the pump tube until all soap residue and moisturiser is removed, afterwards rinse with a bottle disinfectant and after leaving on for the appropriate exposure time, leave to dry.
- If the suction valve has become clogged after non-use: simply pump through with hot water to restore its functionality.

### Sterilisation

Dispenser with aluminium and stainless steel casing/pumps can be autoclaved with steam (121°C, 1 bar)
Dosing devices

For the production of ready-to-use disinfectant solutions

**dosit® des**
- dosing equipment for the production of and output of diluted disinfectant solutions
- microprocessor controlled system
- monitoring of the complete dosing procedure by sensors
- dosing range 0.25 – 5 %, dosing tolerance +5 %, in adjustable steps of 0.05
- particularly easy to operate due to the clearly laid out display panel and the easy exchange of canisters
- designed according to RKI (Robert Koch Institute) guidelines

**Dimensions | Technical data**

<table>
<thead>
<tr>
<th></th>
<th>width x depth x height:</th>
<th>dispensing amounts:</th>
<th>supply voltage:</th>
<th>power:</th>
<th>water connection:</th>
<th>solution output:</th>
<th>drain:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dosing equipment Duo</td>
<td>72 x 21 x 38 cm</td>
<td>7 litres/minute</td>
<td>AC 230 V – 50 Hz</td>
<td>96 Watt</td>
<td>1/2” external screw thread</td>
<td>1/2” external screw thread</td>
<td></td>
</tr>
<tr>
<td>Dosing equipment D</td>
<td>51 x 21 x 38 cm</td>
<td>8 litres/minute</td>
<td>AC 230 V – 50 Hz</td>
<td>96 Watt</td>
<td>1/2” external screw thread</td>
<td>1/2” external screw thread</td>
<td></td>
</tr>
</tbody>
</table>

**Dosing equipment Duo**
- double equipment for the production of diluted disinfectant solutions and the extraction of two solutions of the same or different concentration
- pressureless solution output directly on pivoted outlet
- 2 x 7 dosing steps: 0.25 – 0.5 – 1 – 2 – 3 – 4 – 5 %; dosing tolerance max. +5 %
- dosing is controlled and monitored by a microprocessor
- automatic cut-off in the case of lack of concentrate or water as well as interruptions in concentrate flow
- displays operating status and malfunctions
(System separation according to EN 1988, part 4 (TRWI) and EN 1717)

**Dosing equipment D**
- for the production and output of diluted disinfectant solutions
- solution output takes place using the water pressure of the building – without having to increase the pressure
- supplies bedpan washers, spray lances or matrix-piped tapping points
- 5 dosing steps: 0.25 – 0.5 – 1 – 2 – 3 %; dosing tolerance max. +5 %
- dosing is controlled and monitored by a microprocessor
- automatic cut-off in the case of lack of concentrate or water as well as interruptions in the concentrate flow
- displays operating status and malfunctions
- possible to mount suction lance and canister holder either left or right of the equipment as required
- system separation according to EN 1988, part 4 (TRWI) and EN 1717
CSSD System

System for use in
Central Sterile Supplies Department (CSSD)

### Pumping station
- special system suitable for use in the CSSD
- available in two basic versions (model 400, model 600)
- reliable technology, able to be operated with the minimum of maintenance requirements.
- free of complicated control and operating elements
- space-saving due to the highly-efficient feed pumps.
- flexible for possible expansion of the CSSD

### Empty-status signal module
- special equipment for optical empty-status signal for up to four containers
- potential free contact for connection of up to four cleaning and disinfecting machines (irrespective of manufacturer)
- incl. system-status message, main switch and built-in power supply

### Distribution module
- With a suction connection laid for a product
- Connection of up to four individual cleaning/disinfecting devices
- Built-in non-return valve
- Wall mounting

### Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>4 pumps</th>
<th>6 pumps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model 600</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions | Technical data
- width x depth x height: 20 x 12 x 30 cm
- supply voltage: AC 230V – 50 Hz
- control voltage: 24 V
- width x depth x height: 19 x 4.5 x 14.5 cm
Bedpan washer

The thermosept® washer BP 31

Compact and powerful! The thermosept® washer BP 31 is a compact bedpan washer with a high capacity suitable for hospitals, nursing homes, private clinics, etc and was designed for cleaning bedpans, urine bottles, and much more. Emphasis has been placed on quality, flexibility and ease of use. Furthermore the equipment is constructed in such a way that it can be adapted to the available space.

It can
• be easily mounted on the wall
• be placed on a base on the floor
• can be fitted under a worktop

The computer monitored washing process and the rotating washing heads ensure a constant high quality result.

thermosept® washer BP31

Our plus
• the cover serves as an outlet: bedpans and urine bottles are automatically emptied when the cover is shut.
• complete disinfection
• steam compensator minimises the steam escaping when opening

Product
thermosept® washer BP 31
(400 volt/16 amps)
thermosept® washer BP 31
(400 volt/16 amps) incl. Netcom
Base for BP 31 (height 30 cm)

Accessories
Foot operation
Elbow operation
Small parts cage
Dosing pump

For more detailed information about our bedpan washer please request our Bedpan Hygiene Brochure.
Spray equipment

sm-PED

- spray equipment for fast alcoholic disinfection of feet and footwear
- automatically operated spray equipment able to be used as wall-mounted or floor-mounted equipment (operated without water or electricity connections)
- sprays disinfectant from four nozzles in a targeted way by treading on the foot lever
- a nozzle in the foot lever also sprays the part of the foot or shoe area which is covered by the lever and, at the same time, the pedal is also disinfected
- simple refilling with 5 and 10 litre bulk containers
- €459

Dimensions | Technical data
width: 26.7 cm
depth: 37.5 cm (incl. foot pedal)
height: 34.5 cm
spray amount: approx. 4 ml/stroke
capacity: 5 and 10 l bulk containers
Mixing equipment

For use in industrial and foodstuff processing areas

sm-8® Foam

- operation only with water power
- rinsing, foaming or spraying in one
- easy operation with the lever switch
- dosing infinitely adjustable up to 2 %
- no refilling – only exchange of the product container
- mounting plate and cover made of high-grade steel
- system separation according to EN 1988, part 4 (TRWI) and EN 1717
- output spray gun with rinsing nozzle, foam nozzle and ergonomical extension lance

Dimensions | Technical data
width x depth x height: 28.3 x 10.0 x 40.0 cm
flow amount: 10 litre/min at 3 bar
dosing: infinitely adjustable up to 2 %
water connection: 3/4” screw connection with plug-in coupling for output spray gun
water drip pipe: NW 50, on-site drainage
flow pressure: 3 – 5 bar on-site; if the pressure is higher provide on-site a pressure reducing device

Nito Foam Spray Gun

- foam spray gun for the automatic mixing and foaming of cleaning and disinfectant solutions
- with 2.7 l container for the product concentrate
- incl. spray lance, hot water spray gun, output hose (food-safe as well as pressure-stable and temperature-stable)
- dosing variable by colour-coded suction nozzles

Product

2.7 l
4.05 l

Information material

For more information about our pumping station please request our folder.
Folder Pumping station mat. No. 2123
Water filters

schülke Filtration

Based on our joint venture with Laboratoires Anios as well as our own experience we have developed sterile filter capsules for single use which guarantee microbiologically pure water (incl. Legionella) for 7 days (schülke filtration 7A), 14 days (schülke filtration 14A) and 30 days (schülke filtration 30A). Our filtration range reduces the risk of cross-contamination in those areas which are very high risk such as burn units, intensive care units (ICU), operating theatres, etc.

Our Plus

• CPC inlet enables easy replacement of the filter
• Effective against all bacteria incl. Legionella
• Comprehensive, expert-assessed performance duration and quality
• Low sensitivity

Outlet

Large shower 7A

Flat 7A

Large shower 14A

Flat 14A

Large shower 30LPA

Flat 30LPA

Accessories

- CPC quick-action coupling
- Connection piece M22
- Connection piece M24
- Reducing coupling
- Shower handle exclusive
- Large shower outlet connection
- Flat outlet connection

For more detailed information about our water filtration please request our schülke Filtration folder.
Your contact for further information and documents:

<table>
<thead>
<tr>
<th>Customer care</th>
<th>Sales</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>040/521 00-214</td>
<td>Phone 040/521 00-269</td>
</tr>
<tr>
<td>Fax</td>
<td>040/521 00-228</td>
<td>Fax 040/521 00-228</td>
</tr>
</tbody>
</table>

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A clean-out service package.

Serving in the service of hygiene.

schülke offers comprehensive service to make the organisation of your clinic easier. We provide competent support with regard to all questions concerning your clinical hygiene management.

Technical Service
Upon request schülke will make a team of our service technicians available for maintenance, inspection and repair of your technical devices. Due to their special training our team is able to care for, repair and carry out maintenance on the commercially available dosing equipment and systems, also those of our competitors.

Consultation
The specialists from schülke can advise you competently. Also the excellence of our workmanship sets us apart from the rest.

Laboratory
schülke has one of the largest and most modern research laboratories in this industry. Amongst other things schülke can evaluate the quality of your water in the laboratory if there are hygiene problems.

Information
schülke makes it possible for you to access information on the latest topics, prepared according with the state-of-the-art in legal and scientific matters. On top of this we provide a database with documents on the internet (www.schuelke.com, expert opinions, safety data sheets etc,) which you may download free of charge.

Training team
schülke offers hygiene-relevant training for your staff.

Telephone service
schülke offers a competent telephone product and application consultation on:
040/521 00-666,
from Mon. – Thu. 8 a.m. – 4.30 p.m.
and on Fri. 8 a.m. – 3 p.m.

Product and application consultation

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