



COMPLETE CATALOGUE

## About OPHARDT

In the 1960's, the introduction of alcohol-based disinfectants into the European market created a new challenge for existing dispensing systems: pump seals were not strong enough to hold alcohol-based disinfectant, causing product to leak onto the floor instead into hands of healthcare providers. Having **founded** OPHARDT hygiene **in 1962**, Hermann Ophardt was determined to find a solution. Working out of his garage, Hermann invented OPHARDT hygiene's flag-ship dispenser, the ingo-man®, in 1967.



The **ingo-man®** was the first dispenser capable of reliably dispensing both soap and disinfectant, while also surviving the extreme temperatures of reprocessing in an autoclave. Its success was built on three key principles: efficient pump technology, easy-to-exchange product containers, and a hygienic operating lever, minimizing contact area between the user and dispenser.



OPHARDT hygiene further revolutionized the industry with the introduction of the standardized Euro-bottle. The open-source **Euro-bottle** allows customers the opportunity to choose from a wide range of soaps and disinfectants without being tied to a specific manufacturer. All ingo-man® dispensers are compatible with the Euro-bottle.

Our ingo-man® dispenser, the #1 dispensing system in German hospitals, sets the benchmark for our sustainable product design, with early models still in use decades after their initial installation. We continue to innovate to provide more sustainable dispensing solutions, such as our **WECO®** human-powered dispenser, which sends compliance data to a central database using energy generated each time a dispenser is manually activated.



At the core of our **company strategy** is a steadfast belief in our mission statement: breaking the chain of infection, to live healthier in an increasingly globalized world. This mission statement reflects our ambition to provide health care workers, and other end-users, with access to life-saving infection prevention tools.

In our commitment to supporting human health and well-being through proper hand hygiene, we recognize the importance of also being good environmental stewards, as human and environmental health go hand-in-hand. Integrating the requirements of the medical and hygiene sector with environmental **sustainability** can often prove challenging, but, it also provides opportunities for innovation to drive positive change and create sustainable value through innovation.

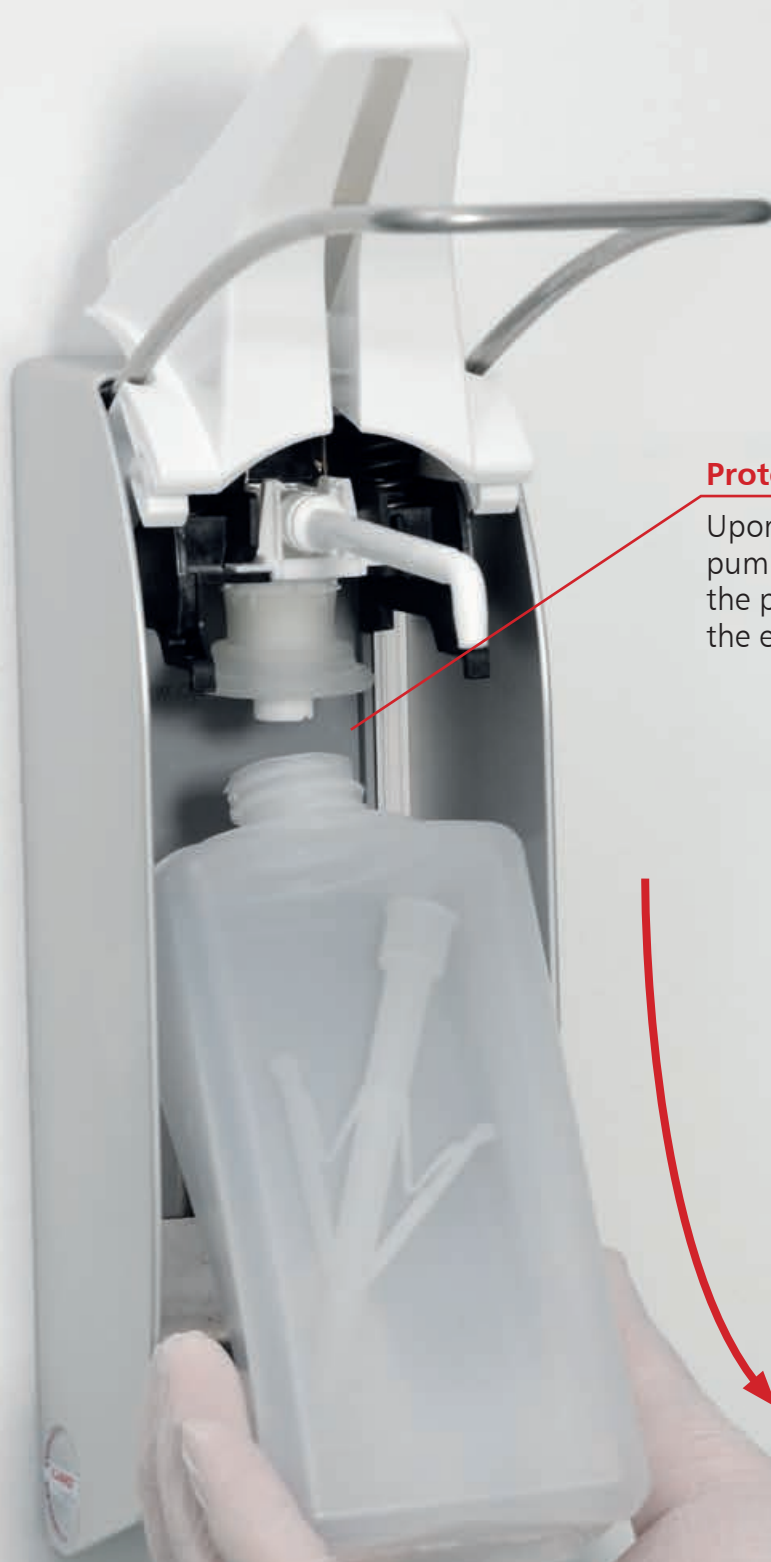


Headquarters in Issum, Germany

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**Protection against reuse:**

Upon bottle removal, the pump stem separates from the pump head and falls into the empty bottle.



RECYCLABLE

Superior hygiene, eliminates need for costly medical reprocessing of pumps

### DHP Disposable Hygiene Pump

Reduce costs and improve hygiene standards with the new disposable hygiene pump. This unique, single-use pump minimizes the need for medical reprocessing of stainless steel pumps, while ensuring that strict hygiene standards are adhered to through the pump's self-destruction when/if bottle replacement is attempted. When replacement is attempted for an empty soap, sanitizer or lotion bottle, the stem of the pump separates from the pump head and remains in the container.

**Easy Installation and Removal:** To install a DHP, the individual packaging of the pump is torn and used as a glove to insert the pump into the dispenser – a new bottle can then be loaded into the dispenser normally. When empty, the bottle and pump are simply removed together and recycled.

**Green Dispensing:** All components can be recycled at the end of useful life. The energy used to manufacture these pumps is guaranteed to be generated from 100% renewable sources.

- ▶ For hand sanitizer/disinfectant, soap and lotions
- ▶ Compatible with all ingo-man® plus and RX 5 (T/M) dispensers
- ▶ Hygienic single-use packaging
- ▶ Fast, intuitive installation
- ▶ Savings: time consuming medical reprocessing eliminated
- ▶ Made with recyclable plastic - no metal components
- ▶ Pump self-destructs when bottle is removed for refill



	suitable for	Art. No.
DHP IMP E	500 ml bottles, ingo-man® plus	4401857
DHP IMP T	1000 ml bottles, ingo-man® plus	4401858
DHP RX	500 ml bottles, RX	4401860







## RX - Hand hygiene made easy

Manual or touchless – the new RX dispenser line is a flexible and economical range for any medical setting. Whether you're looking for a dispenser for intensive care units or the hospital lobby, the RX series offers wall mounting, counter-top/trolley, or hygiene stand solutions - enabling proper hand hygiene in every location. With a robust plastic housing, compatibility with disposable hygiene pumps and packaging (conforming with the latest hygiene regulations and standards), and optional hygiene station accessories, this dispenser series offers everything you need for a complete hygiene solution.



### Soap and disinfectant dispenser, 500 ml

#### RX 5 M

for disinfectant, alco-gel, soap and flowable lotions, for 500 ml Euro bottle, accepts disposable hygiene pumps and packaging, plastic, incl. exchangeable pump 1.5 ml / stroke, stainless steel lever, drip tray, for wall mounting, incl. HDPE bottle, with optional lock.

Pump:	Dosage amount 1.5 ml / stroke
Bottle:	For 500 ml Standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	W 95 (176) x H 314 x D 144 (250) mm (with drip tray)

	Type	Art. No.
	RX 5 M (Non-Locking)	4401841
	RX 5 M (Locking) Lockable	4401842




### Touchless soap and disinfectant dispenser, 500 ml

#### RX 5 T

for disinfectant, alco-gel, soap and flowable lotions, for 500 ml Euro bottle, accepts disposable hygiene pumps and packaging, plastic, incl. exchangeable pump 1.0 or 1.5 ml / stroke, mobile device, optional with back plate for wall mounting, hygiene stand ordered separately (see p. 41) incl. HDPE bottle and 4 C cell batteries.

Pump:	Dosage amount 1.0 or 1.5 ml / stroke
Bottle:	For 500 ml Standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	W 102 x H 269 x D 142 (158) mm (with back plate)

	1.0 ml / stroke dosage		Art. No.
RX 5 T	Tabletop device		4401736
RX 5 T	Tabletop device with back plate for wall mounting		4401764
	1.5 ml / stroke dosage		Art. No.
RX 5 T	Tabletop device		4401117
RX 5 T	Tabletop device with back plate for wall mounting		4401528
	Optional Accessories		Art. No.
RX 5 T stand	Height 122.3 cm, stand ø 40 cm, with lock		1421065
Back plate	For wall mounting		4401226





## Multifunctional touchless faucet systems Water, soap and disinfectant in one unit

### The UNTOUCHABLE™

Our new sensor-driven, multifunctional faucet combines water, soap and hand sanitizer in one compact system. This intuitive and hygienic touchless system needs little space to install. Available in wall-mounting or counter-mounting versions.

Refillables/bottle:	Standard Euro Bottle 500 and 1000 ml Refillable when using bottles with wide neck For liquid soaps and alcohol-based disinfectant
Dosage:	Soap, adjustable approx. 1 ml - 2.5 ml Disinfectant approx. 0.8 up to approx. 2 ml Water flow time 1 to 180 seconds
Material:	Brushed stainless steel
Power supply:	230V / 12V adapter
Water connection:	3/8" standard waterpipe



Watch the video



[www.ophardt.com](http://www.ophardt.com)

	Water Faucet	Art. No.
MW bent	for countertop integration	5400003
MW straight	for wall mounting	5400004
	2 in 1 Faucet - Water and Soap	Art. No.
MWS bent	for countertop integration	5400005
MWS straight	for wall mounting	5400006
	3 in 1 Faucet - Water, Soap and Disinfectant	Art. No.
MWSD bent	for countertop integration	5400007
MWSD straight	for wall mounting	5400008
	2 in 1 Dispenser - Soap and Disinfectant	Art. No.
SD bent	for countertop integration	5400143
SD straight	for wall mounting	5400142
	Duo Faucet-Dispenser Set - Water and Soap	Art. No.
W+S bent	for countertop integration	5400201
W+S straight	for wall mounting	5400200



the untouchable™





THE NEW STANDARD  
FOR PUBLIC HYGIENE

PRAESIDIO®



- ▶ High-end design
- ▶ Designed for public areas
- ▶ High-quality stainless steel housing
- ▶ Hygienic spray chamber
- ▶ Integrated drip tray
- ▶ Intuitive design
- ▶ Adjustable dosage
- ▶ Quick bottle exchange
- ▶ Extensive battery life
- ▶ Fill level window

### Disinfectant dispenser, touchless, 1000 ml

#### **PRAESIDIO**

Touchless dispenser of alcohol-based disinfectant, stainless steel, white powder coated door (RAL 9010), lockable, hygienic spray chamber with integrated drip tray, fill level window, bottle replacement compartment, extensive battery life, incl. HDPE-bottle and 5 Alkaline D-cell batteries.

Flexible installation: for wall or hygiene stand mounting

Pump: autoclavable stainless steel pump with precise spray cone, adjustable dosage (approx. 0.7/ 1.0/ 1.2/ 1.5 ml / stroke)

Container: for 1000 ml standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 506 x H 337 x D 174 mm

	Description	Art. No.
PRAESIDIO	with „HAND DISINFECTION“ print	3401302
PRAESIDIO	without „HAND DISINFECTION“ print	3401073
	Optional accessories	Art. No.
PRAESIDIO Stand	adjustable height in 5 stages from 86 to 120 cm	1421051
PRAESIDIO Power supply	Input AC 100-240 V - 0.35 A	4401040



PRAESIDIO with optional stand





## Soap and disinfectant dispenser, 500 ml

### IMP E/ELS

IMP E: short lever, IMP ELS: long lever, dishwasher safe, autoclavable (134° C)  
easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: pump 24, overview on p. 26/27  
Bottle: 500 ml Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard  
Dimensions: IMP E: W 82 x H 245 x D 160 mm  
IMP ELS: W 82 x H 245 x D 215 mm

	short lever	Art. No.
IMP E A/24	Aluminium	1417021
IMP E P/24	Powder coated white	1417465
IMP E E/24	Stainless steel	1417023
	long lever	Art. No.
IMP ELS A/24	Aluminium	1416000
IMP ELS P/24	Powder coated white	1417467
IMP ELS E/24	Stainless steel	1416017



## Soap and disinfectant dispenser, 1000 ml

### IMP T/TLS

IMP T: short lever, IMP TLS: long lever, dishwasher safe, autoclavable (134° C)  
easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: pump 24, overview on p. 26/27  
Container: 1000 ml Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard  
Dimensions: IMP T: W 92 x H 290 x D 160 mm  
IMP TLS: W 92 x H 290 x D 215 mm

	short lever	Art. No.
IMP T A/24	Aluminium	1417022
IMP T P/24	Powder coated white	1417466
IMP T E/24	Stainless steel	1417024
	long lever	Art. No.
IMP TLS A/24	Aluminium	1415993
IMP TLS P/24	Powder coated white	1417468
IMP TLS E/24	Stainless steel	1415995



long or short lever



optional: Clip with your Logo



optional: Clip with Counter

Product variations: p. 30/31  
Pumps: p. 26/27  
Accessories: p. 32



Soap and disinfectant dispenser, touchless,  
permanent emergency lever

### IMP Touchless

Stainless steel emergency lever for manual operation, e.g. when batteries are empty, optional with AC power supply adapter, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: IMP touchless pump, overview on p. 26/27  
Bottle: for 500 ml or 1000 ml Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard  
Dimensions: W 92 x H 330 x D 210 mm

	for 500 ml Euro bottles	Art. No.
IMP E A Touchless	Aluminium	1415523
IMP E A Touchless mains operated	Aluminium	1417545
IMP E E Touchless	Stainless steel	1417728
IMP E E Touchless mains operated	Stainless steel	1417727
	for 1000 ml Euro bottles	Art. No.
IMP T A Touchless	Aluminium	1415524
IMP T A Touchless mains operated	Aluminium	1418061
IMP T E Touchless	Stainless steel	1417071
IMP T E Touchless mains operated	Stainless steel	1417544

For hygiene-sensitive areas:

Touchless dispensers  
with emergency lever –  
Never miss a hand hygiene event  
due to empty batteries.



Soap and disinfectant dispenser, touchless  
with extendable emergency lever

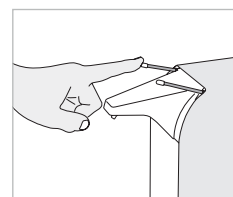
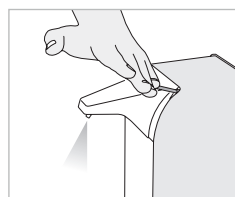
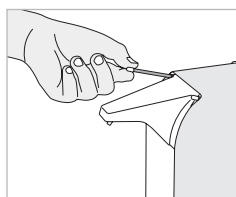
### IMP Touchless XT

Stainless steel emergency lever for manual operation, e.g. when batteries are empty, optional with AC power supply adapter, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: IMP touchless pump, overview on p. 26/27  
Bottle: for 500 ml or 1000 ml Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard  
Dimensions: W 92 x H 330 x D 210 mm

	for 500 ml Euro bottles	Art. No.
IMP E A Touchless XT	Aluminium	4400727
IMP E A Touchless XT mains operated	Aluminium	4400901
IMP E E Touchless XT	Stainless steel	4400903
IMP E E Touchless XT mains operated	Stainless steel	4400905
	for 1000 ml Euro bottles	Art. No.
IMP T A Touchless XT	Aluminium	4400726
IMP T A Touchless XT mains operated	Aluminium	4400902
IMP T E Touchless XT	Stainless steel	4400904
IMP T E Touchless XT mains operated	Stainless steel	4400906

The two-piece emergency lever of the new ingo-man® plus touchless XT remains in the housing until it is needed. If necessary (empty battery e.g.), operate the dispenser manually by pulling out the two poles and pressing them down.







## Hand hygiene - Increase Compliance through Visibility

Implement visual highlights with the ingo-man® plus Hi-Vis Colour and actively promote better hand hygiene in daily clinical practice.

With high visibility colours the ingo-man® plus actively attracts attention, and reminds users about the importance of hand disinfection.



### Soap and disinfectant dispenser, 500 ml

#### IMP E/ELS Hi-Vis Colour

Powder coated Hi-Vis colour, with short (IMP E) or long (IMP ELS) lever, dishwasher safe, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: pump 24, overview on p. 26/27

Bottle: For 500 ml Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP E: W 82 x H 245 x D 160 mm  
IMP ELS: W 82 x H 245 x D 215 mm

	short lever	Art. No.
IMP E P/24	luminous red	1418091
IMP E P/24	luminous bright orange	1418093
IMP E P/24	luminous yellow	1418092
	long lever	Art. No.
IMP ELS P/24	luminous red	1417892
IMP ELS P/24	luminous bright orange	1417891
IMP ELS P/24	luminous yellow	1417890



### Soap and disinfectant dispenser, 1000 ml

#### IMP T/TLS Hi-Vis Colour

Powder coated Hi-Vis colour, with short (IMP E) or long (IMP ELS) lever, dishwasher safe, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: pump 24, overview on p. 26/27

Bottle: For 1000 ml Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP T: W 92 x H 290 x D 160 mm  
IMP TLS: W 92 x H 290 x D 215 mm

	short lever	Art. No.
IMP T P/24	luminous red	1418094
IMP T P/24	luminous bright orange	1418096
IMP T P/24	luminous yellow	1418095
	long lever	Art. No.
IMP TLS P/24	luminous red	1417889
IMP TLS P/24	luminous bright orange	1417888
IMP TLS P/24	luminous yellow	1417887





Soap and disinfectant dispenser, touchless  
with extendable emergency lever

### IMP Touchless Hi-Vis Colour

Powder coated Hi-Vis colour, emergency lever for manual operation in case batteries are empty, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: IMP Touchless Pump, overview on p. 26/27

Bottle: Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 92 x H 330 x D 210 mm

	for 500 ml Euro bottles	Art. No.
IMP E P Touchless	luminous red	1418476
IMP E P Touchless	luminous bright orange	1418515
IMP E P Touchless	luminous yellow	1418514
	for 1000 ml Euro bottles	Art. No.
IMP T P Touchless	luminous red	1418276
IMP T P Touchless	luminous bright orange	1418275
IMP T P Touchless	luminous yellow	1418274



Soap and disinfectant dispenser, touchless  
with extendable emergency lever

### IMP Touchless XT Hi-Vis Colour

Powder coated Hi-Vis colour, stainless steel emergency lever for manual operation in case batteries are empty, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump: IMP Touchless Pump, overview on p. 26/27

Bottle: Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 92 x H 330 x D 210 mm

	for 500 ml Euro bottles	Art. No.
IMP E P Touchless XT	luminous red	4400907
IMP E P Touchless XT	luminous bright orange	4400909
IMP E P Touchless XT	luminous yellow	4400908
	for 1000 ml Euro bottles	Art. No.
IMP T P Touchless XT	luminous red	4400910
IMP T P Touchless XT	luminous bright orange	4400912
IMP T P Touchless XT	luminous yellow	4400911



## ingo-man® plus Weco® - Innovation meets sustainability

The ingo-man® plus Weco® wirelessly sends dispenser usage data to a central database – with every activation the dispenser registers and sends the location, time and dosage of the hygiene event. Like all other OPHARDT Hygiene Monitoring System (OHMS) dispensers, Weco data is used to generate detailed reports on compliance rates, and detailed suggestions for improvement pathways – a powerful tool for hygiene specialists.

The Weco dispenser model generates the energy needed to transmit data wirelessly when the dispenser lever is pressed. This patented 'human-powered' methodology saves energy, while eliminating additional maintenance and waste generated from battery use. With over 25 million activations since launching, the OHMS system is guaranteed to deliver reliable and sustained improvement of hand hygiene.

### Soap and disinfectant dispenser for automatic measurement of hand hygiene behaviour

#### IMP Weco®

with long lever, easy one-handed pump exchange through front, optional accessories see p. 32.

- ▶ Integrated counter: To measure hand hygiene behaviour
- ▶ Fully automated data transfer via WiFi to analysis tool
- ▶ Monitoring of dispenser functionality: Continuous monitoring of dispenser functionality, with automatic notification
- ▶ „Bottle empty“ warning: Automatic warning when bottle needs to be changed via OHMS software
- ▶ „Green Technology“: The energy required for data transfer is generated in the dispenser by the user. No additional power supply is required. This feature is only available in manually operated ingo-man® Weco dispensers.

- ▶ Consumption measurement: Indicator for hand hygiene quality

Pump: pump 24, overview on p. 26/27

Bottle: Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP Weco ELS: B 82 x H 290 x T 269 mm

IMP Weco TLS: B 94 x H 324 x T 269 mm

for 500 ml Euro bottles		Art. No.
IMP ELS A/24 Weco	Aluminium	1418869
for 1000 ml Euro bottles		Art. No.
IMP TLS A/24 Weco	Aluminium	1418870



To learn more about  
how Weco® works, visit:  
<https://vimeo.com/144352868>  
Or simply scan the QR-Code



# INNOVATION MEETS SUSTAINABILITY

The Weco dispenser model generates the energy  
needed to transmit data wirelessly when the lever is pressed.  
No additional power supply is required.



Measuring, analyzing, optimizing:

**OHMS in practice****IMP Weco® Touchless  
IMP Weco®**

The system captures

- ▶ Number
- ▶ Quality
- ▶ Timestamp

of hand hygiene events

Wi-Fi fully automated data capturing

**IMP Counter**

The system captures

- ▶ Number

of dispenser actuations

manual data capturing via app or documentation

Web-based software application,  
optimized for desktop, tablet and smartphone

Since the OPHARDT Hygiene Monitoring System® was first introduced, the system has seen steady growth in the market. Currently, the system supports more than 30 medical facilities across Europe in their efforts to continually improve hand hygiene compliance.

OHMS® is particularly well-received in intensive care units, where there is a strong desire to improve compliance, and where the durability and reliability of the system is critical.

The system also supplies critical data for basic- and elderly-care facilities, seeking to reduce the spread of infections amongst their patients and optimize hygiene performance through an electronic hand hygiene monitoring system.

OHMS® foregoes the need for additional technical equipment like badges, and integrates into existing work flows of healthcare workers. This seamless integration has led to a high level of acceptance among hospital staff.

The disinfectant dispensers send their usage data automatically, via Wi-Fi, to a central server. The data is made available to hygiene professionals through a variety of reports that describe hand hygiene behavior and suggest optimization methods.

Key Feature: The manual WECO® dispenser does not need batteries, as the power for data transmission is generated by pressing the lever.

**References**



BDH Clinic Greifswald:

## OHMS in the wild – Hand Hygiene improved, nosocomial infections reduced

Does the OPHARDT Hygiene Monitoring System® (OHMS) offer real advantages to patients and hospitals? That was the question the BDH Clinic in Greifswald, Germany set out to answer in their study of the relationship between the installation of OHMS, the volume of hand sanitizer / hand disinfectant used, and the number of nosocomial infections recorded.

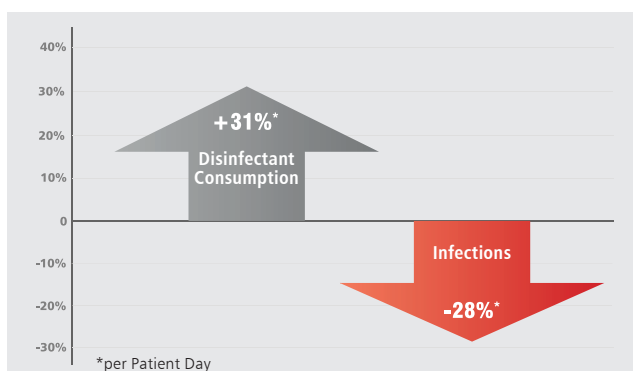
The first phase of the project was conducted over a six-month period, from May 2013 – November 2013, where the number of nosocomial infections and the amount of antibiotic consumption was recorded. At the same time, the OPHARDT Hygiene Monitoring System® was used passively to record all hand hygiene events on the unit.

### From Passive to Active use of OHMS: Positive Effects on the Quality of Care

During the following 6-month phase, OHMS was used actively, through targeted training influenced by data analysis from the system. The effects of this training were recorded and further analyzed by the system over the 6-month period.

The hand hygiene data analysis was focused on both the total amount of disinfection used, as well as the amount dispensed during each hand hygiene event. The latter is particularly important, as only volumes greater than 3 ml per hand hygiene event are considered to be effective at preventing the spread of infections in medical settings.

Upon completion, the study revealed that the unit had achieved a sustained increase in the volume of hand disinfectant/sanitizer dispensed by 30% per patient day. The quality of hand hygiene was also increased significantly – the number of hand hygiene events with the correct dosage administered (greater than 3 ml) was nearly doubled.



The benefits of BDH's improved hygiene practices were significant for both the patients and the hospital. The numbers of infections per patient day were reduced by 28% compared to the previous year, and the number of antibiotic treatment days were reduced by 18 %.

### High level of acceptance, easy integration

In addition to the data-driven argumentation for OHMS, the system was also received positively by hospital staff due to the simplicity of integration, and the lack of new badges or processes needed to interact with the system.

*"OHMS allows for permanent and precise data collection with minimal effort from staff. It outputs data that determines the quality of hand hygiene behaviour at specific times and locations, thereby enabling targeted training. This monitoring system serves as an active component of sustainable hand hygiene improvement, and enables the reduction of the rate of nosocomial infections."*

Dr. med. Andreas Glöckner  
Study Director BDH-Klinik Greifswald



### User Experience Report OPHARDT Hygiene Monitoring System®

The OHMS User Experience Report provides concrete examples of the capabilities and advantages of the system.

Video Link:  
<https://vimeo.com/245721675>  
Or simply scan the QR-Code





## OPHARDT Hygiene Monitoring System®

Precisely measuring, analyzing and improving hand hygiene behaviour: The OPHARDT Hygiene Monitoring System® supports medical facilities in improving hand hygiene compliance.

Curious to find out more? Our OHMS product video gives you an insight into the advantages of hand hygiene monitoring.



### Soap and disinfectant dispenser for automatic measurement of hand hygiene behaviour

#### IMP Weco®

with long lever, easy one-handed pump exchange through front, optional accessories see p. 32

- ▶ Integrated counter: To measure hand hygiene behaviour
- ▶ Fully automated data transfer via WiFi to analysis tool
- ▶ Monitoring of dispenser functionality: Continuous monitoring of dispenser functionality, with automatic notification
- ▶ „Bottle empty“ warning: Automatic warning when bottle needs to be changed via OHMS software
- ▶ „Green Technology“: The energy required for data transfer is generated in the dispenser by the user. No additional power supply is required. This feature is only available in manually operated ingo-man® Weco dispensers.
- ▶ Consumption measurement: Indicator for hand hygiene quality

Pump: pump 24, overview on p. 26/27

Bottle: Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP Weco ELS: B 82 x H 290 x T 269 mm  
IMP Weco TLS: B 94 x H 324 x T 269 mm

	for 500 ml Euro bottles	Art. No.
IMP ELS A/24 Weco Aluminium		1418869
	for 1000 ml Euro bottles	Art. No.
IMP TLS A/24 Weco Aluminium		1418870



### Soap and disinfectant dispenser, touchless for automatic measurement of hand hygiene behaviour

#### IMP Weco® Touchless

emergency lever for manual operation, e.g. when batteries are empty, easy one-handed pump exchange through front, optional accessories see p. 32

- ▶ Integrated counter: To measure hand hygiene behaviour
- ▶ Fully automated data transfer via WiFi to analysis tool
- ▶ Monitoring of dispenser functionality: Continuous monitoring of dispenser functionality, with automatic notification
- ▶ Consumption measurement: Indicator for hand hygiene quality

Pump: pump 24, overview on p. 26/27

Bottle: For 1000 ml Standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 92 x H 330 x D 210 mm

	for 1000 ml Euro bottles	Art. No.
IMP T A Weco Touchless Aluminium		4400066

## Effectively improve hand hygiene compliance

The integrated counting function of the ingo-man® plus Counter soap and disinfectant dispenser reliably measures the number of dispenser activations.

OPHARDT hygiene offers the option of a comprehensive software tool enabling you to record, evaluate and archive the counter data read.



Soap and disinfectant dispenser, 500 ml  
with counter

### IMP E/ELS Counter

IMP E: short lever, IMP ELS: long lever, dishwasher safe, autoclavable (134° C), easy one-handed pump exchange through front, optional accessories see p. 32

Pump: pump 24, overview on p. 26/27

Bottle: 500 ml standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP E Counter: W 82 x H 245 x D 160 mm  
IMP ELS Counter: W 82 x H 245 x D 215 mm

	short lever	Art. No.
IMP E A/24 Counter	Aluminium	1417455
IMP E P/24 Counter	Powder coated white	1417573
IMP E E/24 Counter	Stainless steel	1417569
	long lever	Art. No.
IMP ELS A/24 Counter	Aluminium	1417454
IMP ELS P/24 Counter	Powder coated white	1417584
IMP ELS E/24 Counter	Stainless steel	1417580



\* Autoclavable and dishwasher safe after removal of the counter. Counter is removable without tools.

Soap and disinfectant dispenser, 1000 ml  
with counter

### IMP T/TLS Counter

IMP T: short lever, IMP TLS: long lever, dishwasher safe, autoclavable (134° C), easy one-handed pump exchange through front, optional accessories see p. 32

Pump: pump 24, overview on p. 26/27

Bottle: 1000 ml standard Euro bottle,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: IMP T Counter: W 92 x H 290 x D 160 mm  
IMP TLS Counter: W 92 x H 290 x D 215 mm

	short lever	Art. No.
IMP T A/24 Counter	Aluminium	1417457
IMP T P/24 Counter	Powder coated white	1417613
IMP T E/24 Counter	Stainless steel	1417609
	long lever	Art. No.
IMP TLS A/24 Counter	Aluminium	1417456
IMP TLS P/24 Counter	Powder coated white	1417624
IMP TLS E/24 Counter	Stainless steel	1417620



\* Autoclavable and dishwasher safe after removal of the counter. Counter is removable without tools.



Soap and disinfectant dispenser, touchless with integrated door control

### IMP A Touchless TK

Soap and disinfectant dispenser with integrated door control: Door opens after dispenser activation, integrated 220V transformer, ideal for hospitals and medical facilities, Stainless steel emergency lever, easy one-handed pump exchange through front, optional accessories on p. 32.

Pump: IMP Touchless- Pump, overview on p. 26/27

Bottle: For 500 ml or 1000 ml standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 94 x H 320 x D 255 mm

	for 500 ml Euro bottle	Art. No.
IMP E A Touchless TK Mains Operated	Aluminium	4401372
	for 1000 ml Euro bottle	Art. No.
IMP T A Touchless TK Mains Operated	Aluminium	4401373



Soap and disinfectant dispenser, 1000 ml with activation lock

### IMP TLSV Activation lock

Lockable soap and disinfectant dispenser, Activation lock and locking plate to prevent unauthorized use, especially suitable for use where there is a risk of abuse of hand care products, long stainless steel lever, for elbow operation, optional accessories on p. 32

Pump: pump 24, overview on p. 26/27

Bottle: 1000 ml standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 92 x H 290 x D 215 mm

	for 1000 ml Euro bottles	Art. No.
IMP TLSV activation lock with locking plate	Aluminium	1417681



## The Euro Bottle – Flexibility, Security, Economy in a bottle

As the most widespread dispenser system in German hospitals, the ingo-man® has played a critical role in providing reliable, hygienic and affordable dispensing of soaps and hand disinfectants for more than fifty years.

In 1973, the Euro Bottle was introduced to the market as a core feature of the ingo-man® dispenser. The new standard revolutionized the industry by encouraging soap and disinfectant suppliers to offer their products in this standardized format.

OPHARDT hygiene developed this “open-source” bottle system in close contact with clinical experts, who desired a format that would allow them the freedom to choose any supplier. The ability to choose any supplier creates more competition, and thereby reduces the cost of hand care products. This standardized system also provides increased supply security in the event of a pandemic – if a current supplier cannot increase production to meet increased demand, or another product is better suited to eliminate a certain virus, substitutions can be made seamlessly with any Euro Bottle system.

### Advantages of the Euro Bottle

- Freedom to choose among a diverse range of hand care product suppliers
- Cost savings through independence
- Supply chain security during pandemics
- Flexibility to target pandemics with specific products
- Ability to dispense multiple product brands in one hospital
- Low barrier to entry for product suppliers





### IMP 24 Series

Standard pump for manual ingo-man® plus dispenser  
Premium quality, long life pump made of stainless steel. With quick prime, wide range of soaps, lotions and disinfectants, autoclavable, suited for medical applications.

Dosage: 0.75 / 1.0 / 1.2 / 1.5 ml/ stroke  
Cleaning: Dishwasher safe (60°C), autoclavable (134° C)

for 500 ml	1416015
for 1000 ml	1415843



### IMP 25 Series

For manual ingo-man® plus dispensers  
Premium quality, long life pump made of stainless steel. Wide range of soaps, lotions and disinfectants, autoclavable, suited for medical applications.

Recommendend for highly viscous mediums, e.g. thick soaps.

Dosage: 0.75 / 1.0 / 1.2 / 1.5 ml/ stroke  
Cleaning: Dishwasher safe (60°C), autoclavable (134° C)

for 500 ml	1417655
for 1000 ml	1417652



### IMP 28 Series

For manual ingo-man® plus dispensers  
Premium quality, long life pump made of stainless steel. Wide range of soaps, lotions and disinfectants, autoclavable, suited for medical applications.

Recommendend for highly viscous mediums.

Flexible sucking tube to allow for variations in bottle type and easier bottle insertion/removal in confined spaces.

Dosage: 0.75 / 1.0 / 1.2 / 1.5 ml/ stroke  
Cleaning: Dishwasher safe (60°C), autoclavable (134° C)

for 500 ml	1416002
for 1000 ml	1415476



### IMP Touchless

For ingo-man® plus Touchless dispensers  
Premium quality, long life pump made of stainless steel. Wide range of soaps, lotions and disinfectants, autoclavable, suited for medical applications.

Only fits in ingo-man® plus touchless dispensers.

Dosage: 0.75 / 1.0 / 1.2 / 1.5 ml/ stroke  
Cleaning: Dishwasher safe (60°C), autoclavable (134° C)

for 500 ml	1417696
for 1000 ml	1416896

**DHP**

Disposable hygiene pump  
for manual and touchless ingo-man® plus and RX dispensers  
Single-use plastic pump reduces the need for cleaning/sterilization  
reprocessing.  
Material chemically compatible with a diverse range of liquids.  
Minimum order quantity one box (120/150pcs.).

Dosage: 1.5 ml/ stroke

DHP IMP E	disposable pump for 500 ml ingo-man® plus	4401857
DHP IMP T	disposable pump for 1000 ml ingo-man® plus	4401858
DHP RX	disposable pump for 500 ml RX dispenser	4401860

**IMP K**

Standard plastic pump  
for manual and touchless ingo-man® plus and RX dispensers  
High-quality, long-life plastic pump.  
For wide range of soaps, lotions and disinfectants, material chemi-  
cally compatible with a diverse range of liquids, dishwasher safe.

Dosage: 0.7 / 1.0 / 1.2 / 1.5 ml/ stroke  
Cleaning: Dishwasher safe (60°C)

for IMP E/ELS	1417656
for IMP T/TLS	1417653
for RX 5 M/T	4401434

**IMP KSP**

For manual ingo-man® plus dispensers  
High-quality, long-life spray pump, plastic.  
For wide range of soaps, lotions and disinfectants, material  
chemically compatible with a diverse range of liquids.

Dosage: 1.0 ml/ stroke  
Cleaning: Manual Cleaning

for 500 ml	1417657
for 1000 ml	1417654

**IMP F**

For manual ingo-man® plus dispensers  
High-quality, foam pump, plastic.  
Material chemically compatible with a diverse range of liquids,  
15:1 air/soap ratio.

Dosage: 0.75 ml/ stroke  
Cleaning: Dishwasher safe (60° C)

for 500 ml	1418073
for 1000 ml	1418074

# EXPLANATION OF MODEL NAMES



2

**Operating lever**  
Short or long

2

**Bottles**  
500 ml or 1000 ml

3

**Housing**  
Aluminium, stainless steel,  
powder coated or copper

4

**Pump versions**  
exchangeable pumps  
(overview on p. 26/27)



With standard clip



With counter function



With individualized logo clip

**Example**

**IMP TLS A/25**

1 2 3 4

**1 Abbreviation of ingo-man® plus****2 Operating lever and volume**

... <b>E</b> .../...	with short operating lever (approx. 100 mm lever length), for 500 ml bottles
... <b>ELS</b> .../...	with long operating lever (approx. 170 mm lever length), for 500 ml bottles
... <b>T</b> .../...	with short operating lever (approx. 100 mm lever length), for 1000 ml bottles
... <b>TLS</b> .../...	with long operating lever (approx. 170 mm lever length), for 1000 ml bottles

**3 Housing material**

... .. <b>A</b> /...	matte-silver anodized aluminium, plastic backplate
... .. <b>P</b> /...	powder coated white (RAL 9010), plastic backplate
... .. <b>E</b> /...	brushed stainless steel, plastic backplate
... .. <b>A Cu</b> /...	Copper impregnated anodized aluminium, plastic backplate

**4 Pump unit (see p. 26/27)**

... .. <b>/24</b>	Premium quality long life pump
... .. <b>/25</b>	Premium quality long life pump
... .. <b>/28</b>	Premium quality long life pump
... .. <b>/KSP</b>	High quality long life spray pump
... .. <b>/K</b>	High quality long life pump
... .. <b>/F</b>	High quality foam pump (15:1 air/soap ratio)
... .. <b>/DHP</b>	Single use pump



Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP E A/24	1417021	500 ml	Aluminium	short	Stainless steel pump 24	
IMP E A/25	1417548	500 ml	Aluminium	short	Stainless steel pump 25	
IMP E A/K	1417549	500 ml	Aluminium	short	Plastic pump	
IMP E A/KSP	1417550	500 ml	Aluminium	short	Spray pump, plastic	
IMP E A/F	1418153	500 ml	Aluminium	short	Foam pump, plastic	
IMP E A/24 Counter	1417455	500 ml	Aluminium	short	Stainless steel pump 24	•
IMP E A/25 Counter	1417566	500 ml	Aluminium	short	Stainless steel pump 25	•
IMP E A/K Counter	1417567	500 ml	Aluminium	short	Plastic pump	•
IMP E A/KSP Counter	1417568	500 ml	Aluminium	short	Spray pump, plastic	•
IMP E A/F Counter	1418154	500 ml	Aluminium	short	Foam pump, plastic	•
IMP ELS A/24	1416000	500 ml	Aluminium	long	Stainless steel pump 24	
IMP ELS A/25	1417557	500 ml	Aluminium	long	Stainless steel pump 25	
IMP ELS A/K	1417558	500 ml	Aluminium	long	Plastic pump	
IMP ELS A/KSP	1417559	500 ml	Aluminium	long	Spray pump, plastic	
IMP ELS A/F	1418155	500 ml	Aluminium	long	Foam pump, plastic	
IMP ELS A/24 Counter	1417454	500 ml	Aluminium	long	Stainless steel pump 24	•
IMP ELS A/25 Counter	1417577	500 ml	Aluminium	long	Stainless steel pump 25	•
IMP ELS A/K Counter	1417578	500 ml	Aluminium	long	Plastic pump	•
IMP ELS A/KSP Counter	1417579	500 ml	Aluminium	long	Spray pump, plastic	•
IMP ELS A/F Counter	1418156	500 ml	Aluminium	long	Foam pump, plastic	•
IMP E P/24	1417465	500 ml	Powder coated white	short	Stainless steel pump 24	
IMP E P/25	1417554	500 ml	Powder coated white	short	Stainless steel pump 25	
IMP E P/K	1417555	500 ml	Powder coated white	short	Plastic pump	
IMP E P/KSP	1417556	500 ml	Powder coated white	short	Spray pump, plastic	
IMP E P/F	1418157	500 ml	Powder coated white	short	Foam pump, plastic	
IMP E P/24 Counter	1417573	500 ml	Powder coated white	short	Stainless steel pump 24	•
IMP E P/25 Counter	1417574	500 ml	Powder coated white	short	Stainless steel pump 25	•
IMP E P/K Counter	1417575	500 ml	Powder coated white	short	Plastic pump	•
IMP E P/KSP Counter	1417576	500 ml	Powder coated white	short	Spray pump, plastic	•
IMP E P/F Counter	1418158	500 ml	Powder coated white	short	Foam pump, plastic	•
IMP ELS P/24	1417467	500 ml	Powder coated white	long	Stainless steel pump 24	
IMP ELS P/25	1417563	500 ml	Powder coated white	long	Stainless steel pump 25	
IMP ELS P/K	1417564	500 ml	Powder coated white	long	Plastic pump	
IMP ELS P/KSP	1417565	500 ml	Powder coated white	long	Spray pump, plastic	
IMP ELS P/F	1418159	500 ml	Powder coated white	long	Foam pump, plastic	
IMP ELS P/24 Counter	1417584	500 ml	Powder coated white	long	Stainless steel pump 24	•
IMP ELS P/25 Counter	1417585	500 ml	Powder coated white	long	Stainless steel pump 25	•
IMP ELS P/K Counter	1417586	500 ml	Powder coated white	long	Plastic pump	•
IMP ELS P/KSP Counter	1417587	500 ml	Powder coated white	long	Spray pump, plastic	•
IMP ELS P/F Counter	1418160	500 ml	Powder coated white	long	Foam pump, plastic	•
IMP E E/24	1417023	500 ml	Stainless steel	short	Stainless steel pump 24	
IMP E E/25	1417551	500 ml	Stainless steel	short	Stainless steel pump 25	
IMP E E/K	1417552	500 ml	Stainless steel	short	Plastic pump	
IMP E E/KSP	1417553	500 ml	Stainless steel	short	Spray pump, plastic	
IMP E E/F	1418161	500 ml	Stainless steel	short	Foam pump, plastic	
IMP E E/24 Counter	1417569	500 ml	Stainless steel	short	Stainless steel pump 24	•
IMP E E/25 Counter	1417570	500 ml	Stainless steel	short	Stainless steel pump 25	•
IMP E E/K Counter	1417571	500 ml	Stainless steel	short	Plastic pump	•
IMP E E/KSP Counter	1417572	500 ml	Stainless steel	short	Spray pump, plastic	•
IMP E E/F Counter	1418162	500 ml	Stainless steel	short	Foam pump, plastic	•
IMP ELS E/24	1416017	500 ml	Stainless steel	long	Stainless steel pump 24	
IMP ELS E/25	1417560	500 ml	Stainless steel	long	Stainless steel pump 25	
IMP ELS E/K	1417561	500 ml	Stainless steel	long	Plastic pump	
IMP ELS E/KSP	1417562	500 ml	Stainless steel	long	Spray pump, plastic	
IMP ELS E/F	1418163	500 ml	Stainless steel	long	Foam pump, plastic	
IMP ELS E/24 Counter	1417580	500 ml	Stainless steel	long	Stainless steel pump 24	•
IMP ELS E/25 Counter	1417581	500 ml	Stainless steel	long	Stainless steel pump 25	•
IMP ELS E/K Counter	1417582	500 ml	Stainless steel	long	Plastic pump	•
IMP ELS E/KSP Counter	1417583	500 ml	Stainless steel	long	Spray pump, plastic	•
IMP ELS E/F Counter	1418164	500 ml	Stainless steel	long	Foam pump, plastic	•

Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP T A/24	1417022	1000 ml	Aluminium	short	Stainless steel pump 24	
IMP T A/25	1417588	1000 ml	Aluminium	short	Stainless steel pump 25	
IMP T A/K	1417589	1000 ml	Aluminium	short	Plastic pump	
IMP T A/KSP	1417590	1000 ml	Aluminium	short	Plastic spray pump	
IMP T A/F	1418165	1000 ml	Aluminium	short	Plastic foam pump	
IMP T A/24 Counter	1417457	1000 ml	Aluminium	short	Stainless steel pump 24	•
IMP T A/25 Counter	1417606	1000 ml	Aluminium	short	Stainless steel pump 25	•
IMP T A/K Counter	1417607	1000 ml	Aluminium	short	Plastic pump	•
IMP T A/KSP Counter	1417608	1000 ml	Aluminium	short	Plastic spray pump	•
IMP T A/F Counter	1418166	1000 ml	Aluminium	short	Plastic foam pump	•
IMP TLS A/24	1415993	1000 ml	Aluminium	long	Stainless steel pump 24	
IMP TLS A/25	1417597	1000 ml	Aluminium	long	Stainless steel pump 25	
IMP TLS A/K	1417598	1000 ml	Aluminium	long	Plastic pump	
IMP TLS A/KSP	1417599	1000 ml	Aluminium	long	Plastic spray pump	
IMP TLS A/F	1418167	1000 ml	Aluminium	long	Plastic foam pump	
IMP TLS A/24 Counter	1417456	1000 ml	Aluminium	long	Stainless steel pump 24	•
IMP TLS A/25 Counter	1417617	1000 ml	Aluminium	long	Stainless steel pump 25	•
IMP TLS A/K Counter	1417618	1000 ml	Aluminium	long	Plastic pump	•
IMP TLS A/KSP Counter	1417619	1000 ml	Aluminium	long	Plastic spray pump	•
IMP TLS A/F Counter	1418168	1000 ml	Aluminium	long	Plastic foam pump	•
IMP T P/24	1417466	1000 ml	Powder coated white	short	Stainless steel pump 24	
IMP T P/25	1417594	1000 ml	Powder coated white	short	Stainless steel pump 25	
IMP T P/K	1417595	1000 ml	Powder coated white	short	Plastic pump	
IMP T P/KSP	1417596	1000 ml	Powder coated white	short	Plastic spray pump	
IMP T P/F	1418169	1000 ml	Powder coated white	short	Plastic foam pump	
IMP T P/24 Counter	1417613	1000 ml	Powder coated white	short	Stainless steel pump 24	•
IMP T P/25 Counter	1417614	1000 ml	Powder coated white	short	Stainless steel pump 25	•
IMP T P/K Counter	1417615	1000 ml	Powder coated white	short	Plastic pump	•
IMP T P/KSP Counter	1417616	1000 ml	Powder coated white	short	Plastic spray pump	•
IMP T P/F Counter	1418170	1000 ml	Powder coated white	short	Plastic foam pump	•
IMP TLS P/24	1417468	1000 ml	Powder coated white	long	Stainless steel pump 24	
IMP TLS P/25	1417603	1000 ml	Powder coated white	long	Stainless steel pump 25	
IMP TLS P/K	1417604	1000 ml	Powder coated white	long	Plastic pump	
IMP TLS P/KSP	1417605	1000 ml	Powder coated white	long	Plastic spray pump	
IMP TLS P/F	1418171	1000 ml	Powder coated white	long	Plastic foam pump	
IMP TLS P/24 Counter	1417624	1000 ml	Powder coated white	long	Stainless steel pump 24	•
IMP TLS P/25 Counter	1417625	1000 ml	Powder coated white	long	Stainless steel pump 25	•
IMP TLS P/K Counter	1417626	1000 ml	Powder coated white	long	Plastic pump	•
IMP TLS P/KSP Counter	1417627	1000 ml	Powder coated white	long	Plastic spray pump	•
IMP TLS P/F Counter	1418172	1000 ml	Powder coated white	long	Plastic foam pump	•
IMP T E/24	1417024	1000 ml	Stainless steel	short	Stainless steel pump 24	
IMP T E/25	1417591	1000 ml	Stainless steel	short	Stainless steel pump 25	
IMP T E/K	1417592	1000 ml	Stainless steel	short	Plastic pump	
IMP T E/KSP	1417593	1000 ml	Stainless steel	short	Plastic spray pump	
IMP T E/F	1418173	1000 ml	Stainless steel	short	Plastic foam pump	
IMP T E/24 Counter	1417609	1000 ml	Stainless steel	short	Stainless steel pump 24	•
IMP T E/25 Counter	1417610	1000 ml	Stainless steel	short	Stainless steel pump 25	•
IMP T E/K Counter	1417611	1000 ml	Stainless steel	short	Plastic pump	•
IMP T E/KSP Counter	1417612	1000 ml	Stainless steel	short	Plastic spray pump	•
IMP T E/F Counter	1418174	1000 ml	Stainless steel	short	Plastic foam pump	•
IMP TLS E/24	1415995	1000 ml	Stainless steel	long	Stainless steel pump 24	
IMP TLS E/25	1417600	1000 ml	Stainless steel	long	Stainless steel pump 25	
IMP TLS E/K	1417601	1000 ml	Stainless steel	long	Plastic pump	
IMP TLS E/KSP	1417602	1000 ml	Stainless steel	long	Plastic spray pump	
IMP TLS E/F	1418175	1000 ml	Stainless steel	long	Plastic foam pump	
IMP TLS E/24 Counter	1417620	1000 ml	Stainless steel	long	Stainless steel pump 24	•
IMP TLS E/25 Counter	1417621	1000 ml	Stainless steel	long	Stainless steel pump 25	•
IMP TLS E/K Counter	1417622	1000 ml	Stainless steel	long	Plastic pump	•
IMP TLS E/KSP Counter	1417623	1000 ml	Stainless steel	long	Plastic spray pump	•
IMP TLS E/F Counter	1418176	1000 ml	Stainless steel	long	Plastic foam pump	•

## Drip trays

- prevents disinfectant from dripping off hands and onto the floor
- dishwasher safe and removable plastic drip tray
- custom fit for any type of dispenser

Dispenser not included



Name	Art. No.	for Dispenser	Colour
SH E 26	263800	ingo-man® classic 500 ml ingo-man® plus 500 ml	white
SH E 26 luminous yellow	1418976		luminous yellow
SH E 26 luminous red	1418978		luminous red
SH E 26 luminous bright orange	1418977		luminous bright orange
SH T 26	161100	ingo-man® classic 1000 ml ingo-man® plus 1000 ml	white
SH T 26 luminous yellow	1418979		luminous yellow
SH T 26 luminous red	1418981		luminous red
SH T 26 luminous bright orange	1418980		luminous bright orange
SH 4	1416600	ingo-man® plus Touchless ingo-man® plus Weco Touchless ingo-man® plus Weco 1000 ml	white
SH 4 luminous yellow	1418970		luminous yellow
SH 4 luminous red	1418972		luminous red
SH 4 luminous bright orange	1418971		luminous bright orange
SH E Weco	1419637	ingo-man® plus Weco 500 ml	white
SH E Weco luminous yellow	2400375		luminous yellow
SH E Weco luminous red	2400376		luminous red
SH E Weco luminous bright orange	2400377		luminous bright orange

## Drip trays for wall mounting

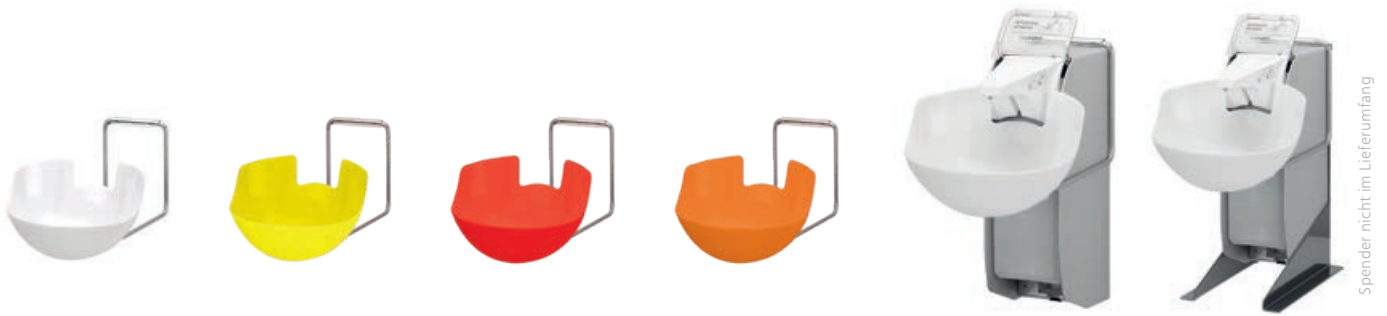


SH 1



SH 3

Name	Art. No.	for wall mounting	Colour
SH 1	290000	Short side to the wall	white
SH 3	1165200	Long side to the wall	white



Spender nicht im Lieferumfang

Name	Art. No.	for Dispenser	Colour
SH 5 IMP E/ELS	1419174	ingo-man® classic 500 ml ingo-man® plus 500 ml	white
SH 5 IMP E/ELS luminous yellow	1419322		luminous yellow
SH 5 IMP E/ELS luminous red	1419321		luminous red
SH 5 IMP E/ELS luminous bright orange	1419309		luminous bright orange
SH 5 IMP E/ELS TH E	2400284	for table mounting with TH E: ingo-man® classic 500 ml ingo-man® plus 500 ml	white
SH 5 IMP E/ELS TH E luminous yellow	2400352		luminous yellow
SH 5 IMP E/ELS TH E luminous red	2400353		luminous red
SH 5 IMP E/ELS TH E luminous bright orange	2400354		luminous bright orange
SH 5 IMP T/TLS	1418686	ingo-man® classic 1000 ml ingo-man® plus 1000 ml	white
SH 5 IMP T/TLS luminous yellow	1419634		luminous yellow
SH 5 IMP T/TLS luminous red	1419635		luminous red
SH 5 IMP T/TLS luminous bright orange	1419636		luminous bright orange
SH 5 IMP T/TLS TH T	2400286	for table mounting with TH T: ingo-man® classic 1000 ml ingo-man® plus 1000 ml	white
SH 5 IMP T/TLS TH T luminous yellow	2400355		luminous yellow
SH 5 IMP T/TLS TH T luminous red	2400356		luminous red
SH 5 IMP T/TLS TH T luminous bright orange	2400357		luminous bright orange
SH 5 IMP Touchless	1418684	ingo-man® plus Touchless	white
SH 5 IMP Touchless luminous yellow	1418973		luminous yellow
SH 5 IMP Touchless luminous red	1418975		luminous red
SH 5 IMP Touchless luminous bright orange	1418974		luminous bright orange
SH 5 IMP Touchless TH T	2400288	for table mounting with TH T: ingo-man® plus Touchless	white
SH 5 IMP Touchless TH T luminous yellow	2400358		luminous yellow
SH 5 IMP Touchless TH T luminous red	2400359		luminous red
SH 5 IMP Touchless TH T luminous bright orange	2400360		luminous bright orange
SH 5 IMP E Weco	2400259	ingo-man® plus Weco 500 ml	white
SH 5 IMP E Weco luminous yellow	2400361		luminous yellow
SH 5 IMP E Weco luminous red	2400362		luminous red
SH 5 IMP E Weco luminous bright orange	2400363		luminous bright orange
SH 5 IMP E Weco TH E	2400364	for table mounting with TH E: ingo-man® plus Weco 500 ml	white
SH 5 IMP E Weco TH E luminous yellow	2400365		luminous yellow
SH 5 IMP E Weco TH E luminous red	2400366		luminous red
SH 5 IMP E Weco TH E luminous bright orange	2400367		luminous bright orange
SH 5 IMP T Weco	2400257	ingo-man® plus Weco 1000 ml	white
SH 5 IMP T Weco luminous yellow	2400368		luminous yellow
SH 5 IMP T Weco luminous red	2400369		luminous red
SH 5 IMP T Weco luminous bright orange	2400370		luminous bright orange
SH 5 IMP T Weco TH T	2400371	for table mounting with TH T: ingo-man® plus Weco 1000 ml	white
SH 5 IMP T Weco TH T luminous yellow	2400372		luminous yellow
SH 5 IMP T Weco TH T luminous red	2400373		luminous red
SH 5 IMP T Weco TH T luminous bright orange	2400374		luminous bright orange

## High-visibility frames

### SR

Hangs over a fitted dispenser backplate with no mounting tools necessary. For any hospital setting, retirement home, medical practice, lab, and other areas where hand hygiene is critical.

Dimensions: SR E: W 132 x H 297 mm  
SR T: W 148 x H 336 mm



	for 500 ml dispenser	Art. No.
SR E	luminous red	1420144
SR E	luminous bright orange	1420143
SR E	luminous yellow	1418674
SR E	RAL 7016 anthracite-grey	1418675
	for 1000 ml dispenser	Art. No.
SR T	luminous red	1420146
SR T	luminous bright orange	1420145
SR T	luminous yellow	1418676
SR T	RAL 7016 anthracite-grey	1418677

For hygiene-sensitive areas:

High-Vis Frame –  
brings attention to dispensers

Fast, easy installation – no tools required

## High-visibility frames with stickers

### SRL

Hangs over a fitted dispenser backplate with no mounting tools necessary. For any hospital setting, retirement home, medical practice, lab, and other areas where hand hygiene is critical.

Incl. three stickers (120 mm x 130 mm) featuring hygiene instructions:

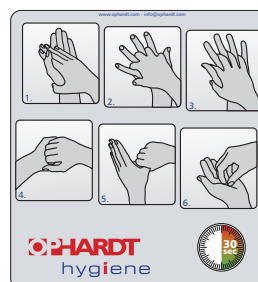
- „Viruses / bacteria on your hand“
- „How to disinfect your hands“
- „How to operate a contactless dispenser“

Dimensions: SRL E: W 132 x H 433 mm  
SRL T: W 148 x H 455 mm



	for 500 ml Dispenser	Art. No.
SRL E	luminous red	1420148
SRL E	luminous bright orange	1420147
SRL E	luminous yellow	1418680
SRL E	RAL 7016 anthracite grey	1418681
	for 1000 ml Dispenser	Art. No.
SRL T	luminous red	1420150
SRL T	luminous bright orange	1420149
SRL T	luminous yellow	1418678
SRL T	RAL 7016 anthracite grey	1418679

### Stickers





**ingo-man®** Locking plates

Locking plates: protect against the theft of both the dispenser and the hand care products inside, while allowing the fill level to remain visible.

Name	Colour	Art. No.	for Dispenser
VF IMP E A	Aluminium	2400067	ingo-man® plus 500 ml
VF IMP E P	White	1417469	
VF IMP E E	Stainless steel	1417529	
VF IMP E P luminous yellow	Luminous yellow	1418342	
VF IMP E P luminous bright orange	Luminous bright orange	1418343	
VF IMP E P luminous red	Luminous red	1418341	
VF IMP T A	Aluminium	2400064	ingo-man® plus 1000 ml
VF IMP T P	White	1417470	
VF IMP T E	Stainless steel	1417528	
VF IMP T P luminous yellow	Luminous yellow	1418345	
VF IMP T P luminous bright orange	Luminous bright orange	1418346	
VF IMP T P luminous red	Luminous red	1418344	
VF IMP E A Touchless	Aluminium	2400487	ingo-man® plus Touchless 500 ml
VF IMP E E Touchless	Stainless steel	1417530	
VF IMP T A Touchless	Aluminium	2400076	ingo-man® plus Touchless ingo-man® plus Weco Touchless
VF IMP T P Touchless	White	1420267	
VF IMP T E Touchless	Stainless steel	1416375	
VF IMP T P Touchless luminous yellow	Luminous yellow	1418339	
VF IMP T P Touchless luminous bright orange	Luminous bright orange	1418340	
VF IMP T P Touchless luminous red	Luminous red	1418338	
VF IMP E A Weco	Aluminium	2400195	ingo-man® plus Weco 500 ml
VF IMP E P Weco luminous yellow	Luminous yellow	1419282	
VF IMP E P Weco luminous bright orange	Luminous bright orange	1419281	
VF IMP E P Weco luminous red	Luminous red	1419280	
VF IMP T A Weco	Aluminium	2400197	ingo-man® plus Weco 1000 ml
VF IMP T P Weco luminous yellow	Luminous yellow	1420268	
VF IMP T P Weco luminous bright orange	Luminous bright orange	1420270	
VF IMP T P Weco luminous red	Luminous red	1420269	



VF IMP



VF IMP Weco



VF IMP E Touchless



VF IMP T Touchless



IMP T Touchless with locking plate

Suitable for  
ingo-man® classic  
&  
ingo-man® plus  
dispensers



WH FT



WH T

## Stainless steel back plate

### WH

Compatible with all ingo-man® classic and ingo-man® plus dispensers, including Weco and touch-less dispensers. Backplates for front removal are not compatible with dispensers made of stainless steel.

Dimensions:      WH E: W 77 x H 235 mm  
                          WH FE: W 77 x H 238 mm  
                          WH T: W 88 x H 278 mm  
                          WH FT: W 90 x H 280 mm

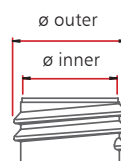
for 500 ml Dispenser		Art. No.
WH E		452200
WH FE	for front removal	1414938
for 1000 ml Dispenser		Art. No.
WH T		650900
WH FT	for front removal	1414940

In comparison to the standard back plate, only a small amount of space is needed above the dispenser to attach or detach it from a wall plate. These special-application wall plates are ideally suited for mounting units under counters or cabinets.

## Bottles

### OP

Disposable bottles, refillable,  
screw cap (SD) optional



Bottle	Opening ø outer	Opening ø inner
28	27.4 mm	21.3 mm
60	58 mm	48.1 mm



500 ml		min. Order Quantity	Art. No.
OP 501-28	Bottle	1 Box (260 bottles)	109100
SD 28-1, 28 mm	Cap (optional)		219600
OP 501-60	Bottle	1 Box (260 bottles)	1413886
SD 60-3, 60 mm	Cap (optional)		207203
1000 ml		min. Order Quantity	Art. No.
OP 1001-28	Bottle	1 Box (141 bottles)	108900
SD 28-1, 28 mm	Cap (optional)		219600
OP 1001-60	Bottle	1 Box (141 bottles)	218500
SD 60-3, 60 mm	Cap (optional)		207203
2500 ml		min. Order Quantity	Art. No.
OP 2501-60 K	Bottle	1 Box (54 bottles)	109300
SD 60-3, 60 mm	Cap (optional)		207203

## Soap and disinfectant dispenser, 500 ml

### RX 5 M

For disinfectant, alco-gel, soap and flowable lotions, for 500 ml Euro bottle, allows for disposable hygiene packaging, incl. disposable Pump, plastic, exchangeable plastic pump, dosage 1.5 ml / stroke, stainless steel lever, incl. drip tray, for wall mounting, incl. HDPE bottle, optionally lockable.

Pump:	Dosage amount 1.5 ml / stroke
Bottle:	For 500 ml Standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	W 95 (176) x H 314 x D 144 (250) mm (with drip tray)

	Type	Art. No.
	RX 5 M (Non-Locking)	4401841
	RX 5 M (Locking)	lockable 4401842



## Touchless soap and disinfectant dispenser, 500 ml

### RX 5 T

For disinfectant, alco-gel, soap and flowable lotions, for 500 ml Euro bottle, allows for disposable hygiene packaging, incl. disposable Pump, plastic, exchangeable plastic pump, dosage 1.0 or 1.5 ml / stroke, desktop device, optional with back plate for wall mounting, hygiene stand ordered separately (see p. 42) incl. HDPE bottle and 4 C cell batteries

Pump:	Dosage amount 1.0 or 1.5 ml / stroke
Bottle:	For 500 ml standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	W 102 x H 269 x D 142 (158) mm (with back plate)

	1.0 ml / stroke dosage amount	Art. No.
RX 5 T	Tabletop device	4401736
RX 5 T	Tabletop device with back plate for wall mounting	4401764
	1.5 ml / stroke dosage amount	Art. No.
RX 5 T	Tabletop device	4401117
RX 5 T	Tabletop device with back plate for wall mounting	4401528
	optional accessories	Art. No.
RX 5 T stand	height 122.3 cm, stand ø 40 cm, with lock	1421065
Back plate	for wall mounting	4401226



## Soap and disinfectant dispenser, 1000 ml

### ER T

Plastic case, operating lever made of stainless steel, backplate compatible with ingo-man®

Pump:	Plastic pump for soaps, disinfectant and lotions, 3 dosage adjustments (approx. 0.7/ 1.0/ 1.5 ml / stroke)
Bottle:	For 1000 ml standard Euro bottles, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	W 100 x H 381 x D 158 mm

	Colour	Art. No.
ER T	white	4400450
ER T with locking set	white	4400702
ER T	black	4400469
ER T with locking set	black	4400703
ER T	blue	4400470
ER T with locking set	blue	4400704
ER T	red	4400471
ER T with locking set	red	4400705
ER T	green	4400486
ER T with locking set	green	4400706

Minimum purchase 1 pallet (250 pcs.)





### Soap and disinfectant dispenser, 500 ml with ingo-man® backplate

#### LCP E

Plastic housing, stainless steel operating lever, optional transparent locking plate (VS)

Pump: K Plastic pump, 3 dosage adjustments (ca. 0.7/ 1.0/ 1.5 ml / stroke)

Bottle: For standard 500 ml Euro bottles,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 91 x H 335 x D 181 mm

	Dispenser	Art. No.
LCP E	500 ml	1413675
	Optional	Art. No.
VS LCP E	locking plate	1416315



### Soap and disinfectant dispenser, 1000 ml with ingo-man® backplate

#### LCP T

Plastic housing, stainless steel operating lever, optional transparent locking plate (VS)

Pump: K Plastic pump, 3 dosage adjustments (ca. 0.7/ 1.0/ 1.5 ml/stroke)

Bottle: For 1000 ml standard Euro bottles,  
refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 99 x H 370 x D 183 mm

	Dispenser	Art. No.
LCP T	1000 ml	1413955
	Optional	Art. No.
VS LCP T	locking plate	1416316

LCPT with VS LCPT



### Soap and disinfectant dispenser

#### D 10 I

White plastic housing, plastic lever, aluminium backplate, lockable,  
for standard Euro bottles with bottle neck thread outside diameter of 22 - 60 mm

Pump: Plastic pump for soaps, disinfectant and lotions,  
3 dosage adjustments (ca. 0.7/ 1.0/ 1.5 ml / stroke)

Bottle: For 1000 ml standard Euro bottles,  
refillable or replaceable with any product adhering to Euro Bottle standard  
with conversion kit to 500 ml

Dimensions: W 96 x H 315 x D 150 mm

	Volume	Art. No.
D 10 I	1000 ml	888532
		Art. No.
D 10 I with conversion kit	500 ml	1419326

Minimum purchase quantity of 1 pallet (234 pcs.)

## Built-in cabinet dispenser

**SPS 2 E**

Without housing, stainless steel operating lever,

Pump: Stainless steel pump 25  
dosage adjustable (approx. 0.7/ 1.0/ 1.5 ml / stroke)Bottle: for 500 ml standard Euro bottles, bulk fill/refillable, removable from below,  
fire retardant version available

Dimensions: W 91 x H 234 x D 215 mm

	Dispenser	Art. No.
SPS 2 E E/25	500 ml	3400819



## Soap dispenser, 250 ml

**ingo-top®**

Refillable, free-standing or wall mounting, other colours available upon request

Pump: KP 250: Plastic pump, approx. 0.6 ml / stroke  
EP 250: Stainless steel pump, approx. 0.6 ml / stroke

Dimensions: W 82 x H 125 x D 80 mm

		Art. No.
KP 250	with plastic pump	105101
EP 250	with stainless steel pump	111001



EP 250 with stainless steel pump



## Soap dispenser

**R**

Refillable, with back plate, transparent or tinted transparent plastic container

Pump: R 8: Plastic pump, approx. 1.2 ml / stroke  
R 8 F: Plastic foam pump, approx. 0.7 ml / stroke  
R 15: Plastic pump, approx. 1.0 ml / strokeDimensions: R 8: W 133 x H 190 x D 115 mm  
R 15: W 140 x H 220 x D 130 mm

	Volume 800 ml	Art. No.
R 8	for liquid soap	1411592
R 8 F	for foam soap	1415350
	Volume 1500 ml	Art. No.
R 15	for liquid soap	485400
R 15	for liquid soap, lockable	1415284







## Hand hygiene in public areas

Hands are the primary vehicle used to spread germs – hand disinfection is the simplest and most effective measure of protection against infection.

This makes the installation of dispensing systems for hand hygiene in public areas - such as airports, train stations, schools, universities, offices or sports areas - all the more important.

Our disinfection stations are available in various styles - for manual and touchless dispenser systems - and provide ideal solutions for hand hygiene in any public setting.

### Public area disinfection dispenser, touchless, 1000 ml

#### **PRAESIDIO with stand**

Touchless dispenser using alcohol based disinfectant, stainless steel, white powder coated door (RAL 9010), lockable, hygienic spray chamber with integrated drip tray, fill level window, bottle replacement compartment, extensive battery life, incl. HDPE-bottle and 5 Alkaline D-cell batteries, for wall or stand mounting, stand ordered separately.

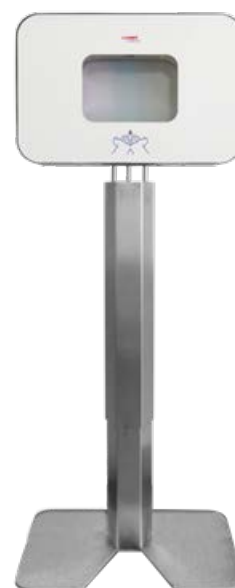
Stainless steel stand, adjustable in 5 stages from 86 to 120 cm

Pump: autoclavable stainless steel pump with precise spray cone, adjustable dosage (ca. 0.7/ 1.0/ 1.2/ 1.5 ml / stroke)

Bottle: for 1000 ml standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dispenser dimensions: W 506 x H 334 x D 174 mm

	Description	Art. No.
PRAESIDIO	with „Hand Disinfection“ print	3401302
PRAESIDIO	without „Hand Disinfection“ print	3401073
PRAESIDIO Stand	adjustable height in 5 stages from 86 to 120 cm	1421051
	Optional accessories	Art. No.
PRAESIDIO	Input AC 100-240 V - 0.35 A	4401040
Power supply		



PRAESIDIO attached to optional stand

### Stainless steel stand with disinfectant, touchless, 500 ml

#### **RX 5 T with stand**

Touchless and flexible for use in any medical setting – the new RX 5 T dispenser system offers convenient hand hygiene locations in nearly every situation thanks to its stable base, stand ordered separately.

- For use with disinfectant and soaps
- 500 ml Euro bottle compatible
- Ready for disposable hygiene packaging and single use pump (DGKH-recommendation)
- Small footprint where space is limited
- Free standing or wall mounted
- 4 C cell battery operated

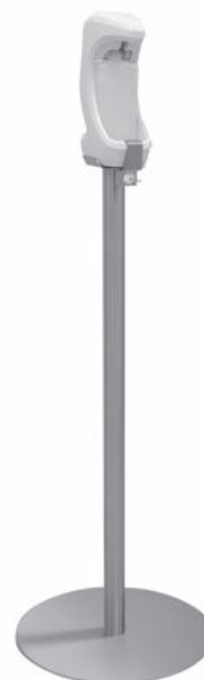
Pump: Dosage of 1 or 1.5 ml / stroke

Bottle: For 500 ml Standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard

Dimensions: W 102 x H 269 x D 142 mm

Dimensions stand: Height 122 cm, stand ø 40 cm

	Description	Art. No.
RX 5 T	1.5 ml dosage/stroke	4401117
RX 5 T	1 ml dosage/stroke	4401736
RX 5 T Stand		1421065



RX 5 T with optional stand



## Stand prepared for ingo-man® and RX series dispensers

### Sani-Station

Extra heavy floor plate with rubber feet ensures a safe and stable stand  
The sanitization station with wheels is outfitted with an extra large base plate for increased stability. Pictograph stickers explain the proper method of disinfection.

Comes prepared for mounting of manual or touchless 1000 ml ingo-man® plus dispensers, optional mounting of 500 ml dispensers (please state explicitly when ordering) for all ingo-man® plus 500 ml dispensers and RX series, dispenser and accessories are not included.

Dimensions: without wheels: W 400 x H 1430 x D 400 mm  
with wheels: W 500 x H 1500 x D 500 mm

	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
Disinfection Point AFP	without wheels	1419273
Disinfection Point AFP	with wheels	1419274
	<b>Stainless steel</b>	<b>Art. No.</b>
Disinfection Point AFP	without wheels	3400177
Disinfection Point AFP	with wheels	3400262

**Set**  
incl.  
Dispenser



Document holder



## Disinfection stand with disinfectant dispenser, 1000 ml

### Hygiene Station

Hygiene Station E AFP IMP T SH T, stainless steel with anti-fingerprint-coating, manual ingo-man® plus disinfectant dispenser (1000 ml), drip tray, optional: Document holder for mounting on disinfection station.

Manual dispenser set: Stainless steel station with Anti-Fingerprint Coating  
IMP T disinfection dispenser, 1000 ml  
SH T drip tray

Touchless dispenser set: Stainless steel station with Anti-Fingerprint Coating  
IMP T touchless disinfection dispenser, 1000 ml  
SH 5 drip tray

Dimensions: W 350 x H 1210 x D 330 mm

	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
Hygiene Station E AFP IMP T SH T	Set with manual dispenser	1420163
Hygiene Station E AFP IMP T Touchless SH 5	Set with touchless dispenser	1420164
	<b>Optional</b>	<b>Art. No.</b>
Hygiene Station E AFP	Station without dispenser and drip tray	1420177
Document holder	DIN A4, retrofittable	1420527

Rollable disinfection stand with disinfectant dispenser,  
glove dispenser and waste bin

**Mobile Hygiene Stand**

- Manual dispenser set:

Dimensions:

Touchless dispenser set:

Dimensions:
- ingo-man® MHP E 500 Set with IMP ELS  
disinfectant dispenser (500 ml) and drip tray SH T,  
glove dispenser for hygienic gloves holds up to 3 boxes,  
26 liter waste bin.

W 400 x H 1305 x D 300 mm

Ingo-man® MHP E 1000 Set with IMP T touchless  
disinfectant dispenser (1000 ml) and drip tray SH 5,  
glove dispenser for hygienic gloves holds up to 3 boxes,  
26 liter waste bin.

W 400 x H 1315 x D 300 mm

	Stainless steel	Art. No.
MHP E 500 Set	Set with manual dispenser	1420099
MHP E 1000 Set	Set with touchless dispenser	1420129



## Availability at Point-of-Care

### One Dispenser System - Endless Installation Opportunities

Point of care is the location where three elements come together: the patient, the healthcare professional and the treatment itself. At this location, hand disinfection is needed most, and disinfection opportunities must be made accessible.

Install ingo-man® dispensers directly at the "Point-of-Care":

- on standard rail systems (10 x 25 mm) and on round frames, e.g. patient beds
- using space saving installation parallel or at 90-degree-angle
- on vertical surfaces, e.g. on trolleys
- on tables and flat surfaces
- with an angle plate for narrow hallways

We are continuously extending the available range of bracket systems for ingo-man® dispensers - matching your installation needs. At [www.ophardt.com/bracket-systems](http://www.ophardt.com/bracket-systems) you'll find detailed information. Haven't found the right solution? Contact us and we will gladly help you find the perfect fit: [customer-care@ophardt.com](mailto:customer-care@ophardt.com)



#### Multi hold system

##### MH

For flexible mounting of ingo-man® classic and ingo-man® plus dispensers on patient beds or medical trolleys. More than 50 different mounting possibilities.

	Dispenser size	Art. No.
MH E	500 ml	1418796
MH T	1000 ml	1418865



#### Dispenser bracket for round frame

##### WHR

For installing ingo-man® classic and ingo-man® plus dispensers on patient beds or medical trolleys (Not compatible with stainless steel dispensers).

	Dispenser size	Art. No.
WHR E	500 ml	1414936
WHR T	1000 ml	1414934



#### Angle plate for round frame

##### WPR

For installing ingo-man® plus dispensers on patient beds, space-saving parallel mounting.

	Dispenser size	Art. No.
WPR E	500 ml	1418933
WPR T	1000 ml	1418934





### Dispenser bracket for standard rail

#### **WHD**

For mounting ingo-man® classic and ingo-man® plus dispensers on patient beds.  
(Not compatible with stainless steel dispensers)

	Dispenser size	Art. No.
WHD E	500 ml	1414932
WHD T	1000 ml	1414930



### Angle plate for standard rail

#### **WPD2**

ingo-man® angle plate for standard rail,  
parallel fastening of 500 ml dispenser (WPD2 E) or 1000 ml dispenser (WPD2 T),  
left-hand-side or right-hand-side, brushed stainless steel.

	for 500 ml dispenser	Art. No.
WPD2 E left	dispenser points left	3401239
WPD2 E right	dispenser points right	3401242
	for 1000 ml dispenser	Art. No.
WPD2 T left	dispenser points left	3401234
WPD2 T right	dispenser points right	3401237



### Dispenser bracket for standard rail

#### **DSH**

To clip onto standard rail, leans against wall. For ingo-man® classic and ingo-man® plus dispensers.

	Dispenser size	Art. No.
DSH E	500 ml	3400641
DSH T	1000 ml	3400646





## Clamp mounting

### KH V

For mounting ingo-man® classic and ingo-man® plus dispensers on medical trollies.

	Dispenser size	Art. No.
KH V E	500 ml	1418133
KH V T	1000 ml	1418150



## Hanging bracket

### BHH

For mounting of dispenser systems on shelved trolleys, bandage trolleys and ward trollies etc. for board thicknesses of 5-10 mm.

	Dispenser size	Art. No.
BHH E	500 ml	1419677
BHH T	1000 ml	1419678



## Arbor mounting

### AH

For mounting of dispenser systems on medical trollies, includes ingo-man® plus dispenser.

	Dispenser size	Art. No.
IMP E A 24 AH	500 ml	1418192
IMP T A 24 AH	1000 ml	1418193



## Angle plate

### WP

For installing of the ingo-man® classic and ingo-man® plus dispensers in narrow hallways.

	Dispenser size	Art. No.
WP E A	500 ml	290100
WP T A	1000 ml	290200



## Table mounting

### TH

For secure placement of ingo-man® classic and ingo-man® plus dispensers on horizontal surfaces.

	Dispenser size	Art. No.
TH E E	500 ml	1418123
TH T E	1000 ml	1418128

## Glove dispenser wall bracket

### UHS

Stainless steel bracket for one box of hygienic gloves, for wall mounting, box of gloves not included.

Dimensions: W 255 x H 132 x D 85 mm

	Art. No.
UHS E	1413316
Optional accessories	Art. No.
RRH	Assembly kit for tubular frame fixing



## Wall bracket for standard Euro bottles

### WH

Stainless steel bracket for one Standard Euro bottle, 500 ml, 1000 ml or 2500 ml, for wall mounting.

Dimensions: WH 05: W 76 x H 125 x D 64 mm  
 WH 10: W 91 x H 125 x D 77 mm  
 WH 25: W 127 x H 200 x D 91 mm

	Bottle size	Art. No.
WH 05 E	500 ml	1412618
WH 10 E	1000 ml	1415103
WH 25 E	2500 ml	1415104



## Bracket system for large wet wipes

### FTSH 4

Part of the SanTRAL®-Series, stainless steel bracket for 1 container with wet wipes, for varying sizes, adjustable for container sizes from 155 mm to 250 mm, for wall mounting, with dispenser backplate WH R E on round tube or with WH D E can be mounted on standard rails, container not included in delivery.

Dimensions: W 224 x H 388 x D 406 mm

	Art. No.
FTSH 4	1420252



## Clamp system for flow pack

### Flow pack holder

Dishwasher safe

For wall mounting.

Suggested flow pack size: max. height 105 mm, max. depth 120 mm,

Lid opening: W 98 x D 74 mm

	Art. No.
Flow pack holder	robust stainless steel
	1421265





Adjustable latch

## Space-saving wall mounted glove dispensers

Disposable medical gloves can reduce the number of germs on the hands of medical personnel, but cannot completely prevent the transmission of pathogens. Hygiene experts recommend the disinfection of hands before and after the use of gloves.

With OPHARDT hygiene bracket systems you can mount a disinfectant dispenser and glove dispenser together – an ideal combination for maximizing hand hygiene effectiveness.



Dispenser and glove boxes not included

Bracket system for glove dispenser with pre-mounted dispenser backplate

### Bracket system

ingo-man® wall bracket 3BV/1D, stainless steel, for 3 glove boxes and 1 dispenser, 500 ml, with adjustable latch, dispenser backplate included.

Dimensions:	3BV/1D-2:	W 254 x H 850 mm
	3B/1D-2:	W 254 x H 850 mm
	1BV/1D-2:	W 254 x H 510 mm
	1B/1D-2:	W 254 x H 510 mm

	With adjustable latch	Art. No.
3BV/1D-2	for 3 boxes, 1 dispenser	3401276
1BV/1D-2	for 1 box, 1 dispenser	3401270
	Without adjustable latch	Art. No.
3BV/1D-2	for 3 boxes, 1 dispenser	3401274
1BV/1D-2	for 1 box, 1 dispenser	3401268

Bracket system for glove dispenser with two pre-mounted dispenser backplates

### Bracket system

ingo-man® wall bracket 3BV/2D, stainless steel, for 3 glove boxes and 2 dispensers, 500 ml, with adjustable latch, dispenser back plate included.

Dimensions:	2D:	W 254 x H 339 mm
	3BV/2D-2:	W 254 x H 850 mm
	3B/2D-2:	W 254 x H 850 mm
	1BV/2D-2:	W 254 x H 510 mm
	1B/2D-2:	W 254 x H 510 mm

	With adjustable latch	Art. No.
3BV/2D-2	for 3 boxes, 2 dispensers	3401281
1BV/2D-2	for 1 box, 2 dispensers	3401273
	Without adjustable latch	Art. No.
3B/2D-2	for 3 boxes, 2 dispensers	3401279
1B/2D-2	for 1 box, 2 dispensers	3401271
2D	2 dispensers	3400371



## Bracket system for glove dispenser

### Bracket system

ingo-man® wall bracket 3BV, stainless steel, for 3 glove boxes, with adjustable latch.

Dimensions:	3BV-2:	W 254 x H 510 mm
	2BV-2:	W 254 x H 340 mm
	1BV-2:	W 254 x H 170 mm
	3B-2:	W 254 x H 510 mm
	2B-2:	W 254 x H 340 mm
	1B-2:	W 254 x H 170 mm

▶	With adjustable latch	Art. No.
3BV-2	for 3 glove boxes	3401262
2BV-2	for 2 glove boxes	3401263
1BV-2	for 1 glove box	3401266
▶	Without adjustable latch	Art. No.
3B-2	for 3 glove boxes	3401257
2B-2	for 2 glove boxes	3401258
1B-2	for 1 glove box	3401265



3BV-2

## For wall mounting

### Hygiene unit

Mounting plate including mounts for three glove boxes, including installation set for wall mounting and fastening a dispenser backplate. (Dispenser and glove boxes are not included)

Dimensions of the mounting plate:  
H 500 x W 380 x D 74 mm

▶	Material	Art. No.
HEW A	Faint silver anodized aluminium	1420170
HEW P	Powder coated white	1420498



## Hygiene unit for hospital trolleys

The hygiene unit enables the compact installation of up to three disposable glove dispenser boxes and one disinfectant dispenser onto a trolley.

Medical personnel are able to implement the "5 points of hand hygiene" more effectively, thanks to the direct availability of disposable gloves and disinfectant.

The hygiene unit can be selected for dispenser sizes of 500 ml and 1000 ml (please specify with order) and is available in faint silver anodized aluminium or white powder coated versions.

Typically, the hygiene unit is mounted permanently on the wall, but it can also be employed as a mobile solution on trolleys. In this case, the fastening unit can be adapted individually for an extra charge.



## Dispenser combo

### CSA 1

The dispenser combo combines single-sheet paper towels and liquid soap in one unit, soap dispenser on right or on the left side, can be removed as complete unit for cleaning, stainless steel lever, autoclavable stainless steel pump, pump is removable, housing consists of silver anodized aluminium, with closed back plate made from stainless steel, lockable.

Adjustable dosage: 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml / stroke)

Bottle: For 500 ml standard Euro bottles, bulk fill/refillable

Paper: 750 standard sheets

Dimensions: W 375 x H 370 x D 202 mm



		Art. No.
CSA 1 R	Dispenser on right side	3400874
CSA 1 L	Dispenser on left side	3400875



The dispenser combo has significant advantages over the individual products:

- Easier installation
- Space-saving
- Easier maintenance.

The CSA dispenser combo has a soap dispenser unit that can be easily replaced for reprocessing.



## Foot disinfection dispenser, 7500 ml

**ingo-ped®**

Aluminium housing, foot pedal made of stainless steel, for alcohol-based disinfectants, lockable, two spray nozzles, with wall plate for surface mounting.

Dosage : approx. 3 ml / stroke

Dimensions: W 215 x H 404 x D 395 mm

	Art. No.
ingo-ped®	2400290



For feet disinfection. Ideal for high-traffic areas like swimming pools, sport- and sauna facilities etc.

- Easy refilling
- Robust aluminium housing
- Lockable
- Attractive design
- Refillable





## Paper towel dispenser, 300 sheets

### IMP HS 15

Surface with bacteriostatic effect, lockable

Volume: approx. 300 sheets, standard layer fold or ZZ-fold paper

Paper removal: synthetics, with ergonomically rounded edges

Dimensions: W 275 x H 184 x D 131 mm

	ZZ-, Z- and Layerfold	Art. No.
IMP HS 15 A	Aluminium	2400316
IMP HS 15 P	Powder coated white	1420228
IMP HS 15 EE	Stainless steel	1420229
IMP HS 15 Cu	Anodized aluminium, Copper impregnated	2400326



## Paper towel dispenser, 750 sheets

### IMP HS 31

Surface with bacteriostatic effect, lockable

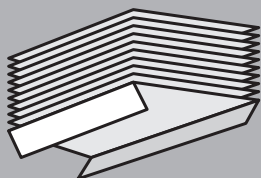
Volume: approx. 750 sheets, standard layer fold, ZZ-fold or Interfold paper

Paper removal: synthetics, with ergonomically rounded edges

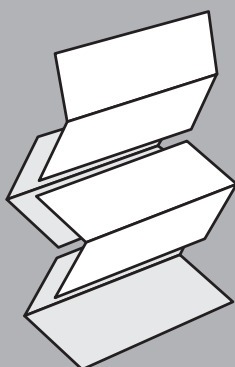
Dimensions: W 275 x H 370 x D 131 mm

	ZZ-, Z- and Layerfold	Art. No.
IMP HS 31 A	Aluminium	2400321
IMP HS 31 P	Powder coated white	1416730
IMP HS 31 EE	Stainless steel	1420227
IMP HS 31 Cu	Anodized aluminium, copper impregnated	2400329
	Z- and Interfold	Art. No.
IMP HS 31 A Interfold	Aluminium	1420234
IMP HS 31 P Interfold	Powder coated white	1420238
IMP HS 31 EE Interfold	Stainless steel	1420235
IMP HS 31 Cu Interfold	Anodized aluminium, copper impregnated	1420237

## THE FOLD TYPES



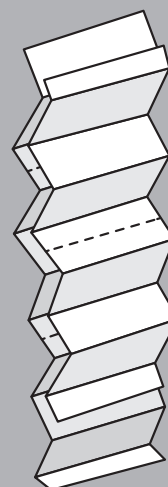
Layerfold, C-Fold



ZZ-Fold, V-Fold, Zig-Zag



Z-Fold



Interfold

Compatibility of paper with outlet type depends on fold type, size and quality of the paper.  
Paper manufacturers may use different descriptions. Please contact your supplier for further clarification.

## Paper towel dispenser, 300 sheets

**HS 15**

Surface with bacteriostatic effect, lockable

Volume: approx. 300 sheets, standard layer fold or ZZ-fold paper

Paper removal: synthetics, with ergonomically rounded edges

Dimensions: W 275 x H 185 x D 130 mm

	<b>ZZ-, Z- and Layerfold</b>	<b>Art. No.</b>
HS 15 A	Aluminium	801400
HS 15 P	Powder coated white	801500
HS 15 EE	Stainless steel	152100



## Paper towel dispenser, 750 sheets

**HS 31**

Surface with bacteriostatic effect, lockable

Volume: approx. 300 sheets, standard layer fold or ZZ-fold paper

Paper removal: synthetics, with ergonomically rounded edges

Dimensions: W 275 x H 355 x D 130 mm

	<b>ZZ-, Z- and Layerfold</b>	<b>Art. No.</b>
HS 31 A	Aluminium	778900
HS 31 P	Powder coated white	779000
HS 31 EE	Stainless steel	297100
	<b>Z- and Interfold</b>	<b>Art. No.</b>
HS 31 A Interfold	Aluminium	1415415
HS 31 P Interfold	Powder coated white	1417724
HS 31 EE Interfold	Stainless steel	1417723



## Paper towel dispenser, with transparent door 750 sheets

**HS 3**

Surface with bacteriostatic effect, lockable

Volume: approx. 750 sheets, standard layer fold, ZZ-fold or Interfold paper

Paper removal: synthetics, with ergonomically rounded edges

Dimensions: W 275 x H 355 x D 130 mm

	<b>ZZ-, Z- and Layerfold</b>	<b>Art. No.</b>
HS 3 A	Aluminium	1416424
	<b>Z- and Interfold</b>	<b>Art. No.</b>
HS 3 A Interfold	Aluminium	2400141



## Waste bin

### SK

Stainless steel or powder coated white (RAL 9003), includes wall mounting kit.

Volume: 18l, 26l or 60l

Dimensions: SK 18: W 302 x H 306 x D 207 mm  
SK 26: W 305 x H 446 x D 195 mm  
SK 60: W 400 x H 630 x D 270 mm



	18 Liter	Art. No.
SK 18 P white	Powder coated white	795100
PB 2	Plastic bags, grey, 4 x 50 pcs.	506100
	26 Liter	Art. No.
SK 26 P white	Powder coated white	966100
SK 26 E	Stainless steel	376700
PB 3	Plastic bags, white, 200 pcs.	186400
	60 Liter	Art. No.
SK 60 P white	Powder coated white	705100
SK 60 E	Stainless steel	705200
PB 4	Plastic bags, white, 200 pcs.	128100

## Waste bin

### AB

Waste bin including polyester bag safe-guard, stand alone or wall mounting, removable mounting plate.

Volume: 6l, 15l or 36l

Dimensions: AB 6: W 215 x H 299 x D 156 mm  
AB 15: W 318 x H 409 x D 187 mm  
AB 36: W 400 x H 488 x D 255 mm



	6 Liter	Art. No.
AB 6 A	Aluminium	231000
AB 6 P	Powder coated white	231600
AB 6 E	Stainless steel	285100
PB 1	Plastic bags, grey, 4 x 50 pcs.	461500
	15 Liter	Art. No.
AB 15 A	Aluminium	287300
AB 15 P	Powder coated white	287400
AB 15 E	Stainless steel	484500
PB 2	Plastic bags, grey, 4 x 50 pcs.	506100
	36 Liter	Art. No.
AB 36 A	Aluminium	288200
AB 36 P	Powder coated white	288300
PB 3	Plastic bags, white, 200 pcs.	186400

## Hygienic waste bin and hygienic bag dispenser

**AB 6 HB 1**

Stand alone or wall mounting, removable mounting plate, hygienic bag dispenser for paper bags, hygienic bag dispenser also available separately.

Volume: 6l  
 Dimensions: AB 6 HB: W 215 x H 300 x D 170 mm  
 HB 1: W 130 x H 275 x D 30 mm

▶	6 Liter	Art. No.
AB 6 HB 1 A	Aluminium	232500
AB 6 HB 1 P	Powder coated white	232600
AB 6 HB 1 E	Stainless steel	284700
PB 1	Plastic bags, grey, 4 x 50 pcs.	461500
HYGB	Paper bags, 250 pcs.	509200
▶	Hygienic bag dispenser	Art. No.
HB 1 A	Aluminium	311500
HB 1 P	Powder coated white	1120700
HB 1 E	Stainless steel	798500
HYGB	Paper bags, 250 pcs.	509200



## Hygienic waste bin and hygienic bag dispenser

**AB 6 HB 2**

Stand alone or wall mounting, removable mounting plate, hygienic bag dispenser for paper bags, hygienic bag dispenser also available separately.

Volume: 6l  
 Dimensions: AB 6 HB: W 215 x H 300 x D 170 mm  
 HB 2: W 91 x H 136 x D 24 mm

▶	6 Liter	Art. No.
AB 6 HB 2 A	Aluminium	1415091
AB 6 HB 2 P	Powder coated white	1415092
AB 6 HB 2 E	Stainless steel	1415093
PB 1	Plastic bags, grey, 4 x 50 pcs.	461500
HYGB K	Plastic bags, 4 x 25 pcs.	1245800
▶	Hygienic bag dispenser	Art. No.
HB 2 P	Powder coated white	1412012
HB 2 E	Stainless steel	1412013
HYGB K	Plastic bags, 4 x 25 pcs.	1245800



## Waste bin with foot pedal

### NWB

Made of stainless steel, available with Anti-Fingerprint Coating, optimized for use in medical facilities, rollable, with foot-operated opening mechanism, with internal waste bag holder, self-closing, soft-close lid, recessed lid to prevent hand contact (minimizes contamination).

Volume: 24l, 50l or 70l  
 Dimensions: NWB 24: W 284 x H 503 x D 376 mm  
 NWB 50: W 374 x H 683 x D 376 mm  
 NWB 70: W 374 x H 883 x D 376 mm



	24 Liter	Art. No.
NWB 24 E	Stainless steel	1416587
NWB 24 E AFP	Stainless steel with Anti-Fingerprint Coating	1418560
PB 3	Plastic bags, white, 200 pcs.	186400
	50 Liter	Art. No.
NWB 50 E	Stainless steel	1416588
NWB 50 E AFP	Stainless steel with Anti-Fingerprint Coating	1419160
PB 4	Plastic bags, white, 200 pcs.	128100
	70 Liter	Art. No.
NWB 70 E	Stainless steel	1416589
NWB 70 E AFP	Stainless steel with Anti-Fingerprint Coating	1419161
TB 70	Plastic bags, blue, 4 x 25 pcs.	831300

## Waste bin with foot pedal and front door

### NWBR

Made of stainless steel, available with Anti-Fingerprint Coating, optimized for usage in medical facilities, rollable, with foot-operated opening mechanism, with internal waste bag holder, self-closing, soft-close lid, recessed lid to prevent hand contact (minimizes contamination), front door for simple removal of waste bags

Volume: 50l or 70l  
 Dimensions: NWBR 50: W 374 x H 683 x D 376 mm  
 NWBR 70: W 374 x H 883 x D 376 mm



	50 Liter	Art. No.
NWBR 50 E	Stainless steel	1416591
NWBR 50 E AFP	Stainless steel with Anti-Fingerprint Coating	1419404
PB 4	Plastic bags, white, 200 pcs.	128100
	70 Liter	Art. No.
NWBR 70 E	Stainless steel	1416592
TB 70	Plastic bags, blue, 4 x 25 pcs.	831300



## Brush dispenser and receptacle

### BS

With wall holder, loading magazine for 10 sterilizable hand brushes, brushes are individually removable from the front.

Optional accessories: loading magazine, hand brushes, PCM brush body and PA-bristles, autoclavable receptacle, for wall mounting, removable.

Volume: 10 hand brushes

Dimensions: BS 10 S: W 56 x H 360 x D 137 mm

BS 10 D: W 55 x H 360 x D 123 mm

HWB: W 110 x H 35 x D 43 mm

BA: W 262 x H 155 x D 163 mm

		Art. No.
BS 10 S	Brush dispenser	965000
	<b>Optional</b>	<b>Art. No.</b>
BS 10 D	Loading magazine	965100
HWB	Hand brush	1420768
BA	Receptacle	965200



## Disinfection timer

### DU

Stainless steel, timed hand washing and disinfection aid, 16 minute limit, audible signal.

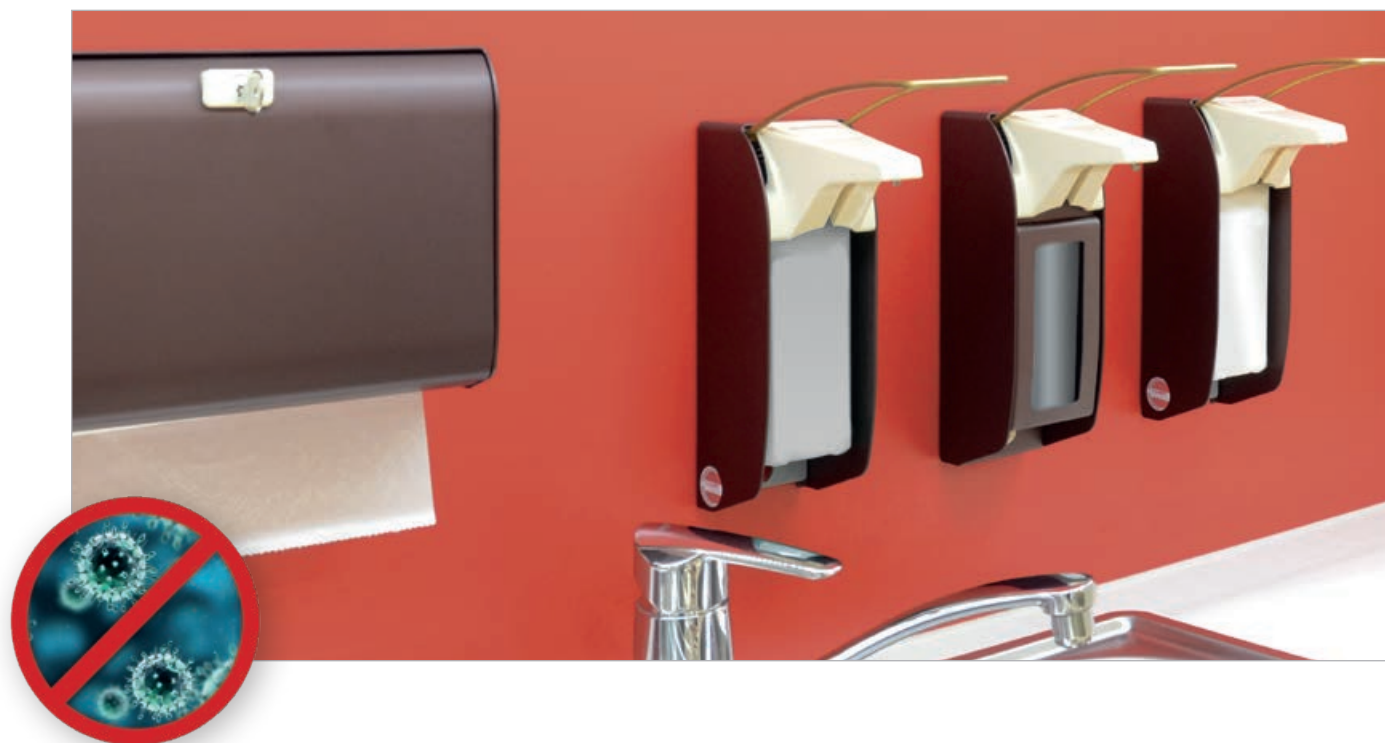
Dimensions: W 91 x H 130 x D 64 mm

	Art. No.
DU 16 E	964900



# COPPER HYGIENE SOLUTIONS

Reduction of Microbial Contaminants through Copper Alloy



## Antimicrobial Copper Supports Infection Control

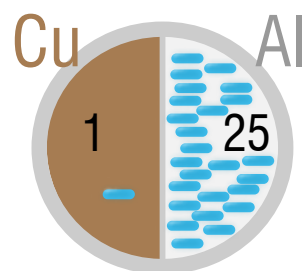
### Continued protection through copper materials

Copper holds inherent anti-microbial properties, and thereby prevents the transmission of microorganisms and the re-development of germs on surfaces. Anti-microbial effectiveness of copper has been verified by scientific studies and proven in clinical trials.<sup>1, 2</sup>

By comparison to most other materials, copper is a superior metal for fighting pathogenic microorganisms: In comparison to aluminium, copper-bearing materials were shown to have 25 times less surviving bacteria on observed surfaces (1:25 ratio<sup>3</sup>)

### Building block to a multi-barrier system

The use of copper material in clinical environments can provide meaningful support for infection prevention efforts. As a component of a multi-barrier system, copper cannot replace established hygiene standards, but rather acts as an additional layer in infection prevention to further reduce infection rates in healthcare institutions.



<sup>1</sup>Casey, A. L., et al. (2010). „Role of copper in reducing hospital environment contamination.“ J Hosp Infect 74(1): 72-77.

<sup>2</sup>Salgado, C. D., et al. (2013). „Copper Surfaces Reduce the Rate of Healthcare-Acquired Infections in the Intensive Care Unit.“ Infect Control Hosp Epidemiol 34(5): 479-486.

<sup>3</sup>Airmid healthgroup. BS ISO 22196:2011 – Measurement of antimicrobial activity on plastics and other non-porous surfaces. 2013

## Soap and disinfectant dispenser

### IMP ELS/TLS Copper

Copper impregnated, anodized aluminium with brass lever for antimicrobial effect, long operating lever, easy one-handed pump exchange through front, optional accessories see p. 32.

Pump:	Exchangeable stainless steel pump 24 with bent suction tube
Bottle:	For 500 ml or 1000 ml Standard Euro bottle, refillable or replaceable with any product adhering to Euro Bottle standard
Dimensions:	IMP ELS: W 82 x H 245 x D 215 mm IMP TLS: W 92 x H 290 x D 215 mm

	Bottle size	Art. No.
IMP ELS A Copper	500 ml	4400897
	Bottle size	Art. No.
IMP TLS A Copper	1000 ml	4400898



## Paper towel dispenser

### IMP HS Copper

Copper impregnated anodized aluminium for antimicrobial effect, for ZZ- or layer-folded paper towel, metal front cover with window, with lock and key.

Dimensions:	HS 15: W 275 x H 184 x D 131 mm
	HS 31: W 275 x H 370 x D 131 mm

	For 250 sheets	Art. No.
IMP HS 15 A Copper	ZZ-, Z- and Layerfold	2400326
	For 750 sheets	Art. No.
IMP HS 31 A Copper	ZZ-, Z- and Layerfold	2400329
IMP HS 31 A Copper	Interfold Z- and Interfold	1420237



## Waste Bin

### IMP AB 6 Copper

Copper impregnated anodized aluminium for antimicrobial effect, closed waste bin with hinged lid, 6 liter volume, plastic bag securing system, removable metal wall bracket for wall mounting.

Dimensions:	W 215 x H 300 x D 155 mm
-------------	--------------------------

	Art. No.
ingo-man® AB 6 A Copper	2400309



Looking for more OPHARDT hygiene products with antimicrobial copper? Please contact us: [customercare@ophardt.com](mailto:customercare@ophardt.com)



# SanTRAL®

The benchmark for public washrooms





Since 1991, the SanTRAL® stainless steel range has been the benchmark for public washroom dispensing. Through tireless evolution, in co-operation with our users and partners, SanTRAL® has more than adapted to the ever-changing requirements of the modern washroom. Over the years, SanTRAL® has continually set the standard for sustainability, quality and cost effectiveness. With its minimalist Northern European design, this robust 'Made in Germany' series epitomizes robust, functional design while offering endless colour customization.

### Our quality promise

From delivery date on, we offer a five-year manufacturer's warranty for SanTRAL® and ingo-man® aluminium and stainless steel products which, surpasses the legally required, two-year general liability for material defects - a testament to how OPHARDT hygiene stands behind its products.



### Made in Germany

A deciding factor for all SanTRAL® products, from the compact soap dispenser to the large-volume waste bin, is its manufacturing process.

The entire manufacturing process - from bending and welding, through to the final quality check - of the SanTRAL® series, takes place in Germany. The result: Our high-quality stainless steel range stands up to the challenges of any washroom environment, thanks to its outstanding material and manufacturing quality. "Made in Germany" is a claim we take seriously, and should always represent long-lasting quality for our customers.

### Anti-Fingerprint Coating

All SanTRAL® stainless steel products are delivered with a state-of-the-art, durable Anti-Fingerprint Coating (AFP).

AFP ensures a noticeable reduction of visible fingerprints during use. It sustainably simplifies cleaning and care – saving time and costs.

In contrast to nano-based coatings, the SanTRAL® Anti-Fingerprint Coating is resistant against cleaning agents. AFP-equipped dispensers always look clean, hygienic, and ready for use.



### RAL powder coating

Do you want to freshen up the look of your washroom equipment and introduce a more daring colour choice? The entire SanTRAL® range is available with powder-coated housing surfaces in all RAL colours\*. Our Powder coatings are environmentally friendly, free of solvents and emissions, and provides excellent protection against mechanical wear. Only high-end stainless steel is used in combination with our powder coating process. Our in-house, state-of-the-art powder coating line combines high coating quality and capacity with the ability to react quickly and flexibly to your individual wishes.

\*The RAL Classic colour palette comprises 213 colours. Contact us if you have individual colour wishes.

# OVERVIEW OF ADVANTAGES

Our advanced product design enables an intuitive and enjoyable experience for visitors using OPHARDT hygiene washroom devices, while cleaning personnel benefit from a significant decrease in maintenance.

## lockable and easily serviced

easy-clean lock,  
tamper-proof



## vandalism resistant

robust stainless steel housing,  
with durable anti-fingerprint  
coating

## product always visible

large, replaceable  
viewing window

## sloped lid

to prevent items from being  
placed on the dispenser

## economical

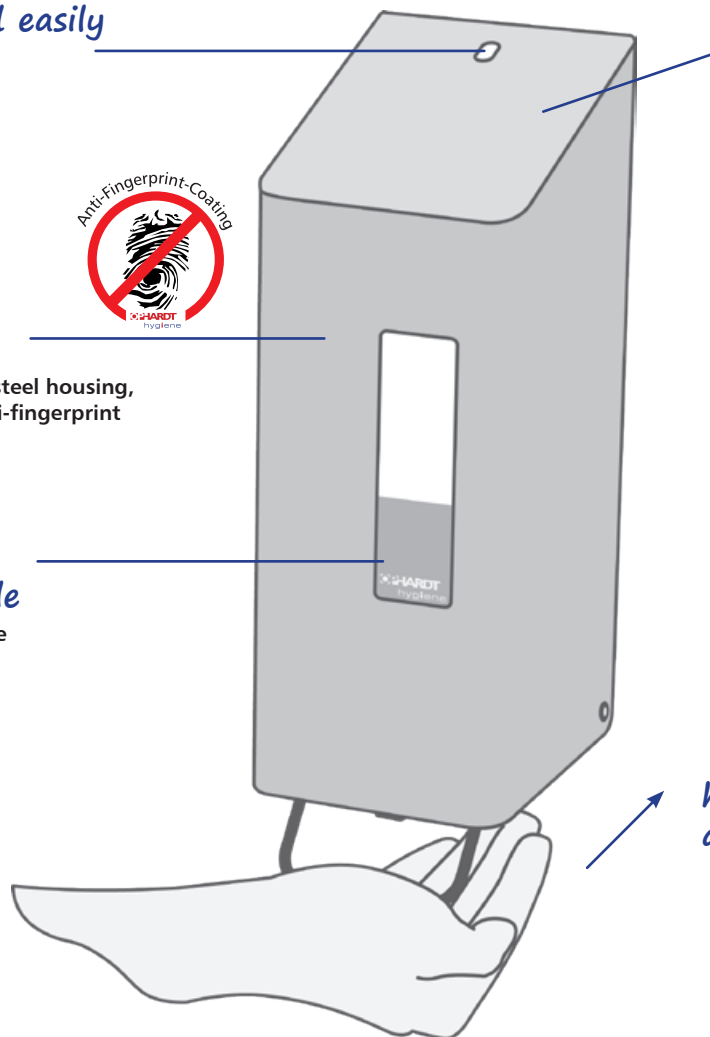
refillable, bulk fill system enables  
choice of soap/disinfectant  
supplier

## modular stocking

choice of liquid soap,  
foaming soap or disinfectant -  
pump/container can be changed  
retrospectively

## hygienic operation and force optimization

minimal contact area, operational  
force is exerted against the wall  
rather than pulling away



## safety catch

prevents the lid striking the  
wall when a dispenser is  
opened

waste container with  
internal  
bag holder





## Durable and exchangeable pumps

All SanTRAL® dispenser systems are delivered out-of-the-box with high-quality, durable pumps. Have you decided you'd like to make the jump to foam? Or would you like to modify your dispenser system to dispense disinfectant spray? No problem! Through the use of a modular system, switching between differing pumping solutions is quick and easy. Just change the pump/container unit and you're ready to go!

	Bulk fill container with pump, dosage approx. 1.5 ml/stroke	Art. No.
for NSU 2	for liquid soaps and disinfectant solution (S)	1417077
for NSU 5	for liquid soaps and disinfectant solution (S)	1416476
for NSU 11	for liquid soaps and disinfectant solution (S)	1416477
for NSU 11 touchless	for liquid soaps and disinfectant solution (S)	1419596



	Bulk fill container with spray pump, dosage approx. 0.7 ml/stroke	Art. No.
for NSU 2	for disinfectant solution (D)	1417079
for NSU 5	for disinfectant solution (D)	1417076
for NSU 11	for disinfectant solution (D)	1417075
for NSU 11 Touchless	for disinfectant solution (D)	1419597



	Bulk fill container with pump, dosage approx. 0.7 ml/stroke	Art. No.
for NSU 2	for foam soap (F)	1417078
for NSU 5	for foam soap (F)	1416478
for NSU 11	for foam soap (F)	1415327
for NSU 11 Touchless	for foam soap (F)	1419598



### Important:

OPHARDT hygiene assumes no liability for any damages or costs which arise due to the incompatibility of filling material and dispenser systems.

The compatibility of filling material and dispenser system must be checked prior to the use of new filling materials, in order to be able to guarantee fault-free functionality.



NSU 2 - hidden trick lock

## Universal dispenser, 250 ml

### NSU 2

With fill level window, stainless steel operating lever, bulk fill/refillable

Pump: pump with exchangeable container, for dosage see page 63

Container: PP-refillable cartridge, removable, fire retardant version available

Dimensions: W 97 x H 220 x D 138 mm

	Stainless steel with Anti-Fingerprint Coating	Art. No.
NSU 2 E/S AFP	for soap and disinfectant	1415828
NSU 2 E/F AFP	for foam soap	1415827
NSU 2 E/D AFP	with spray pump	1415829
	Stainless steel, Powder coated white	Art. No.
NSU 2 P/S	for soap and disinfectant	1415831
NSU 2 P/F	for foam soap	1415830
NSU 2 P/D	with spray pump	1415832

## Universal dispenser, 600 ml

### NSU 5

With fill level window, housing with safety catch, stainless steel operating lever, bulk fill/refillable

Pump: pump with exchangeable container, for dosage see page 63

Container: PP-refillable cartridge, removable, fire retardant version available

Dimensions: W 97 x H 287 x D 145 mm

	Stainless steel with Anti-Fingerprint Coating	Art. No.
NSU 5 E/S AFP	for soap and disinfectant	1415813
NSU 5 E/F AFP	for foam soap	1415811
NSU 5 E/D AFP	with spray pump	1415815

	Stainless steel, Powder coated white	Art. No.
NSU 5 P/S	for soap and disinfectant	1415814
NSU 5 P/F	for foam soap	1415812
NSU 5 P/D	with spray pump	1415816



fill from above

## Compact soap dispenser, 700 ml

**NSU 7**

With fill level window, stainless steel operating lever, bulk fill/refillable

Pump: plastic, approx. 1.0 ml/stroke, not-exchangeable

Container: PP-refillable cartridge, removable

Dimensions: W 145 x H 135 x D 190 mm

**SMALL  
MOUNTING  
SURFACE**  
Ideal for small  
washrooms



	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
NSU 7 E AFP	for soap	1417160
	<b>Stainless steel, Powder coated white</b>	<b>Art. No.</b>
NSU 7 P	for soap	1417161



NSU 7 - to be filled from above



NSU 7 - hidden trick lock

## Universal dispenser, 1200 ml

**NSU 11**

With fill level window, housing with safety catch, stainless steel operating lever, bulk fill/refillable

Pump: pump with exchangeable container, for dosage see page 63

Container: PP-refillable cartridge, removable; fire retardant version available

Dimensions: W 97 x H 327 x D 148 mm

	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
NSU 11 E/S AFP	for soap and disinfectant	1415817
NSU 11 E/F AFP	for foam soap	1415312
NSU 11 E/D AFP	with spray pump	1415819
	<b>Stainless steel, Powder coated white</b>	<b>Art. No.</b>
NSU 11 P/S	for soap and disinfectant	1415818
NSU 11 P/F	for foam soap	1415413
NSU 11 P/D	with spray pump	1415820





## Touchless universal dispenser, 1200 ml

### NSU 11 Touchless

With fill level window, cover with safety catch, bulk fill/refillable, battery-operated, power supply with 4 D-batteries.

Pump: pump with exchangeable container, for dosage see page 63

Container: PP-refillable cartridge, removable

Dimensions: W 97 x H 336 x D 168 mm

	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
NSU 11 Touchless E/S AFP	for soap and disinfectant	1419395
NSU 11 Touchless E/F AFP	for foam soap	1419397
NSU 11 Touchless E/D AFP	with spray pump	1419396
	<b>Stainless steel, powder coated white</b>	<b>Art. No.</b>
NSU 11 Touchless P/S	for soap and disinfectant	1419392
NSU 11 Touchless P/F	for foam soap	1419394
NSU 11 Touchless P/D	with spray pump	1419393



Video NSU 11 touchless



ophardt.com

The battery compartment of the NSU 11 Touchless can be opened easily. The safety catch prevents wall and dispenser damage when refilling or replacing batteries.

## Cartridge soap dispenser, 1000 ml

### NSU 12

With fill level window, stainless steel operating lever, bulk fill/refillable for Euro bottle (with C-closure adapter), max. size approx. W 88 x H 201 x D 72 mm

Pump: plastic, approx. 1.0 ml/stroke, not-exchangeable

Container: for standard Euro bottle (with C-closure adapter)

Dimensions: W 98 x H 333 x D 142 mm

	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
NSU 12 E AFP	for soap	353200
	<b>Stainless steel, Powder coated white</b>	<b>Art. No.</b>
NSU 12 P	for soap	302700



## Euro bottle

### OP

HDPE bottle, suitable for NSU 12, refillable

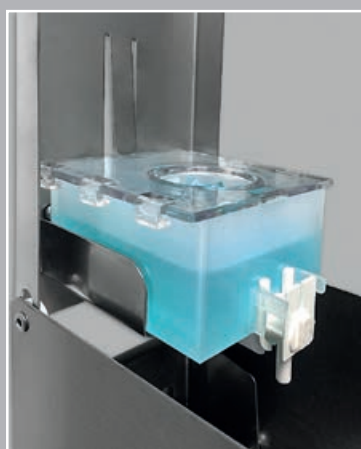
Disposable neck adapter C-28-15 (must be ordered in conjunction with NSU 12, please order separately)

		<b>Art. No.</b>
OP 1001-28	Euro Bottle, 1000 ml	108900
	<b>Optional</b>	<b>Art. No.</b>
C-28-15	Disposable neck adapter	133604



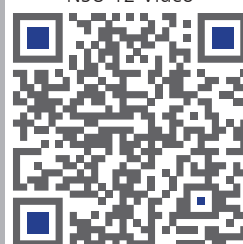
Disposable neck adapter C-28-15 for bottles with 28 mm external thread (other sizes available upon request).

Left: Before inserting the bottle  
Right: Seal is broken when inserted



Soap remains in the reservoir when bottle is replaced. For cleaning, the container is simply removed from the basin and rinsed.

NSU 12 Video



ophardt.com

## Built-in cabinet dispenser, 600 ml

### NSU 5 S

Built-in cabinet dispenser, without housing, stainless steel operating lever, bulk fill/refillable

Pump: pump with exchangeable container

Container: PP-refillable cartridge, removable fire retardant version available

Dimensions: W 94 x H 294 x D 131 mm



to be filled from above

	Stainless steel	Art. No.
NSU 5 S	for soap and disinfectant	1417500
NSU 5 F	for foam soaps	1417499
NSU 5 D	with spray pump	1417498

## Built-in cabinet dispenser, 1200 ml

### NSU 11 S

Built-in cabinet dispenser, without housing, stainless steel operating lever, bulk fill/refillable

Pump: pump with exchangeable container

Container: PP-refillable cartridge, removable fire retardant version available

Dimensions: W 94 x H 335 x D 140 mm

	Stainless steel	Art. No.
NSU 11 S	for soap and disinfectant	1417497
NSU 11 F	for foam soaps	1417496
NSU 11 D	with spray pump	1417495

## Dispenser for toilet seat disinfection

### TSU

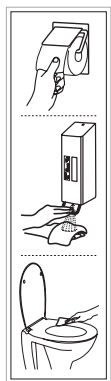
With fill level window, stainless steel operating lever, labelled with operating instructions

Pump: plastic, approx. 0.7 ml/stroke, pump with container exchangeable

Container: PP-refillable cartridge, removable

Dimensions: TSU 2: W 97 x H 220 x D 138 mm

TSU 5: W 97 x H 285 x D 145 mm



	250 ml	Art. No.
TSU 2 E/D AFP	Stainless steel with Anti-Fingerprint Coating	1416966
TSU 2 P/D	Powder coated white	1416967
	600 ml	Art. No.
TSU 5 E/D AFP	Stainless steel with Anti-Fingerprint Coating	1416968
TSU 5 P/D	Powder coated white	1416969





Dispenser for pourable hand cleaners, 3000 ml

## NSU 30-1

With fill level window, stainless steel operating lever, bulk fill/refillable

Pump: plastic, approx. 1.0 ml/stroke, not-exchangeable

Container: PP-refillable cartridge, removable

Dimensions: W 144 x H 340 x D 200 mm

		Art. No.
NSU 30-1 E AFP	Stainless steel with Anti-Fingerprint Coating	1411082
NSU 30-1 P	Stainless steel, Powder coated white	229100

ideal for industrial settings



Dispenser for pourable hand cleaners with grit, 3000 ml

## NSU 30-3

With fill level window, stainless steel operating lever, bulk fill/refillable

Pump: plastic, approx. 3.0 ml/stroke, not-exchangeable

Container: PP-refillable cartridge, removable

Dimensions: W 144 x H 340 x D 200 mm

		Art. No.
NSU 30-3 E AFP	Stainless steel with Anti-Fingerprint Coating	1411078
NSU 30-3 P	Stainless steel, Powder coated white	225300

ideal for industrial settings



For additional dispensing options please contact us  
E-Mail: [customercare@ophardt.com](mailto:customercare@ophardt.com)  
Tel.: +49 (0)2835 18-10

# UNBEATABLE ADVANTAGES

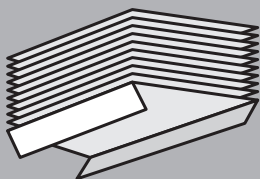
with  
retainer

*Prevents unintentional damage:  
The new safety catch prevents the  
housing from hitting the wall*

with tilt  
protection

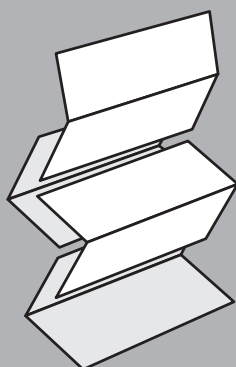
*The paper remains in place:  
The new tilt safeguard prevents  
the paper towels from  
falling out when opened.*

## THE FOLD TYPES



**Layerfold, C-Fold**

Outlet type:  
Standard (recommended)  
Stainless steel



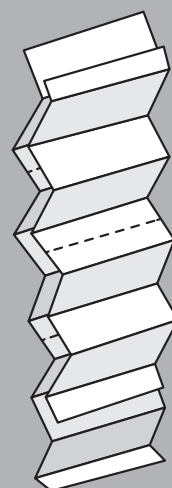
**ZZ-Fold, V-Fold, Zig-Zag**

Outlet type:  
Standard (recommended)  
Stainless steel



**Z-Fold**

Outlet type:  
Interfold (recommended)  
Stainless steel



**Interfold**

Outlet type:  
Interfold (recommended)  
Stainless steel

Compatibility of paper with outlet type depends on fold type, size and quality of the paper.  
Paper manufacturers may use different descriptions. Please contact your supplier for further clarification.

## Paper towel dispenser, 250 sheets

**HSU 15**

With fill level window

Max. dimensions

Stack of paper: Layerfold, Z- and ZZ-folding: W 250 x H 140 x D 120 mm  
 Interfold: W 235 x H 110 x D 115 mm

Outlet type: Plastic for standard  
 Plastic for Interfold  
 Stainless steel universal for standard and Interfold

Dimensions: W 278 x H 200 x D 133 mm



	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
HSU 15 E AFP	Plastic outlet for layerfold, Z- and ZZ-fold	1412267
HSU 15 E AFP	Plastic outlet for interfold and Z-fold	1416827
HSU 15 E AFP	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1417717
	<b>Stainless steel, Powder coated white</b>	<b>Art. No.</b>
HSU 15 P	Plastic outlet for layerfold, Z- and ZZ-fold	1412129
HSU 15 P	Plastic outlet for interfold and Z-fold	1416828
HSU 15 P	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1417718

## Paper towel dispenser, 750 sheets

**HSU 31**

With fill level window

Max. dimensions

Stack of paper: Layerfold, Z- and ZZ-folding: W 250 x H 280 x D 120 mm  
 Interfold: W 235 x H 250 x D 115 mm

Outlet type: Plastic for standard  
 Plastic for Interfold  
 Stainless steel universal for standard and Interfold

Dimensions: W 278 x H 350 x D 133 mm



	<b>Stainless steel with Anti-Fingerprint Coating</b>	<b>Art. No.</b>
HSU 31 E AFP	Plastic outlet for layerfold, Z- and ZZ-fold	386900
HSU 31 E AFP	Plastic outlet for interfold and Z-fold	1416824
HSU 31 E AFP	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1417719
	<b>Stainless steel, Powder coated white</b>	<b>Art. No.</b>
HSU 31 P	Plastic outlet for layerfold, Z- and ZZ-fold	196400
HSU 31 P	Plastic outlet for interfold and Z-fold	1416826
HSU 31 P	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1417720



## Automatic paper towel dispenser, for paper rolls

### HAU 1

Housing made of stainless steel, lockable, With fill level window,

Paper feed: Pressure-driven, automatic paper feed:

A new paper hand towel is dispensed as soon as the previous one is removed.

Paper type: Paper roll:  
max. roll diameter 190 mm, max. roll width 200 mm  
min. inside diameter for Outlet type 38 mm

Power supply: with 4 D-batteries

Dimensions: W 278 x H 406 x D 211 mm

		Art. No.
HAU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	1418109
HAU 1 P	Stainless steel, Powder coated white	1418110



## Touchless paper towel dispenser, for paper rolls

### HTU 1

Housing made of stainless steel, lockable, With fill level window,

Paper feed: Touchless paper feed: Paper stays within the dispenser until a hand is detected underneath the outlet - delay and paper length adjustable.

Paper type: paper rolls:  
max. roll width 200 mm, max. roll diameter 190 mm,  
min. inside diameter for Outlet type 38 mm

Power supply: with 4 D-batteries

Dimensions: W 278 x H 406 x D 211 mm

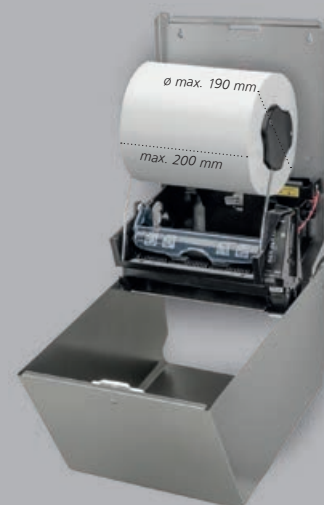
		Art. No.
HTU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	3400351
HTU 1 P	Stainless steel, Powder coated white	3400359

Increased user convenience and easier dispensing – the SanTRAL® HAU1 and SanTRAL® HTU 1 automatic paper towel dispensers offer many advantages.

The difference between the two dispensers lies in the automatic functions:

With the SanTRAL® HAU 1, the next sheet is automatically fed forward after a paper towel is removed.

The SanTRAL® HTU 1 dispenses the paper automatically as soon as it detects the user's hand underneath the sensor. With the HTU 1, both the paper length and delay time are individually adjustable.



## Center pull paper towel dispenser, tabletop device

**TCU 1**

Tabletop device, with fill level window, lockable.

Paper type: paper rolls with center pull,  
max. roll diameter 200 mm, max. height 275 mm

Dimensions: W 279 x H 371 x D 211 mm

	Tabletop device	Art. No.
TCU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	1417100
TCU 1 P	Stainless steel, Powder coated white	1417188



## Center pull paper towel dispenser, wall mount device

**CEU 1**

Wall mount device, with fill level window, lockable.

Paper type: paper rolls with center pull,  
max. roll diameter 200 mm, max. height 275 mm

Dimensions: W 277 x H 360 x D 211 mm

	Wall mount device	Art. No.
CEU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	745600
CEU 1 P	Stainless steel, Powder coated white	745700



**TCU 1**  
**Tabletop device**



**CEU 1**  
**Wall mount device**

## Mini center pull paper towel dispenser

**HRU 1**

For rolls with mini center pull, wall mount device made of stainless steel, lockable, with window, paper outlet below.

Paper type: Paper rolls with Mini Center-Pull,  
max. roll diameter 140 mm, max. height 210 mm

Dimensions: W 143 x H 300 x D 116 mm

	Wall mount device	Art. No.
HRU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	1421090





CPU 2 L



CPU 2 R

## Combined soap and paper towel dispenser

### CPU 2

Dispenser combo, lockable, with fill level windows, housing with safety catch, stainless steel operating lever, bulk fill/refillable.

**CPU 2 L** soap dispenser on left and paper towel dispenser on right

**CPU 2 R** soap dispenser on right and paper towel dispenser on left

**Pump:** Pump with exchangeable container, for dosage see page 63

**Dosage:** S Dosage approx. 1.5 ml/stroke

F Dosage approx. 0.7 ml/stroke

D Dosage approx. 0.7 ml/stroke

**Container:** PP-refillable cartridge, removable, fire retardant version available

**Filling quantity:** 1200ml/750 sheets

**Dimensions:** W 377 x H 385 x D 155 mm

	Stainless steel with Anti-Fingerprint Coating	Art. No.
CPU 2L E/S AFP	for liquid soap and disinfectant (S)	1419953
CPU 2L E/F AFP	for foam soap (F)	1419954
CPU 2L E/D AFP	for disinfectant (D)	1419955
CPU 2R E/S AFP	for liquid soap and disinfectant (S)	1419947
CPU 2R E/F AFP	for foam soap (F)	1419948
CPU 2R E/D AFP	for disinfectant (D)	1419949
	Stainless steel, Powder coated white	Art. No.
CPU 2L P/S	for liquid soap and disinfectant (S)	1419956
CPU 2L P/F	for foam soap (F)	1419957
CPU 2L P/D	for disinfectant (D)	1420027
CPU 2R P/S	for liquid soap and disinfectant (S)	1419950
CPU 2R P/F	for foam soap (F)	1419951
CPU 2R P/D	for disinfectant (D)	1419952





## Waste bin

### ABU

With hidden waste bag holder inside, free-standing and wall mounting possible, with self-closing, maintenance-free lid.

Dimensions: ABU 18: W 275 x H 509 x D 179 mm  
ABU 50: W 376 x H 681 x D 251 mm



	Volume 18 Liter	Art. No.
ABU 18 E AFP	Stainless steel with Anti-Fingerprint Coating	1417450
ABU 18 P	Stainless steel, Powder coated white	1417451
PB 2	Plastic bags grey, 4 x 50 pcs.	506100
	Volume 50 Liter	Art. No.
ABU 50 E AFP	Stainless steel with Anti-Fingerprint Coating	3400245
ABU 50 P	Stainless steel, Powder coated white	3400246
PB 4	Plastic bags grey, 4 x 50 pcs.	128100

## Fire-retardant waste bin

### ABU FR

With hidden waste bag holder inside, free-standing and wall mounting possible, fire-retardant, with self-closing, maintenance-free lid.

Dimensions: ABU 18: W 275 x H 509 x D 179 mm  
ABU 50: W 376 x H 681 x D 251 mm



	Volume 18 Liter	Art. No.
ABU 18 E FR AFP	Stainless steel with Anti-Fingerprint Coating	1415126
ABU 18 P FR	Stainless steel, Powder coated white	1415128
PB 2	Plastic bags grey, 4 x 50 pcs.	506100
	Volume 50 Liter	Art. No.
ABU 50 E FR AFP	Stainless steel with Anti-Fingerprint Coating	1415129
ABU 50 P FR	Stainless steel, Powder coated white	1415127
PB 4	Plastic bags white, 200 pcs.	128100

## Waste bin, open

### EBU

Free-standing and wall mounting possible, with hidden waste bag holder inside, with removable frame.

Dimensions: EBU 22: W 275 x H 477 x D 180 mm  
EBU 50: W 377 x H 566 x D 251 mm



	Volume 22 Liter	Art. No.
EBU 22 E AFP	Stainless steel with Anti-Fingerprint Coating	1413894
EBU 22 P	Stainless steel, Powder coated white	1413893
PB 3	Plastic bags white, 200 pcs.	186400
	Volume 50 Liter	Art. No.
EBU 50 E AFP	Stainless steel with Anti-Fingerprint Coating	1413896
EBU 50 P	Stainless steel, Powder coated white	1413895
PB 4	Plastic bags white, 200 pcs.	128100

## Foot-operated waste bin

**FBU**

Free-standing and wall mounting possible, closed system, with self-closing, maintenance-free lid.

Dimensions: W 373 x H 673 x D 247 mm

	Volume 40 Liter	Art. No.
FBU 40 E AFP	Stainless steel with Anti-Fingerprint Coating	1415853
FBU 40 P	Stainless steel, Powder coated white	1415855
PB 4	Plastic bags white, 200 pcs.	128100



## Hygienic waste bin with integrated hygienic bag dispenser

**HBU 6**

Hinged lid, internal waste bag holder, integrated hygiene bag dispenser for disposal of feminine hygiene products, 6 liter volume, stainless steel with anti-fingerprint coating or white powder-coated RAL 9010, 2-point wall mounting, ground clearance min. 20 cm.

Dimensions: W 277 x H 329 x D 127 mm

	Type	Art. No.
HBU 6 E AFP	Stainless Steel with Anti-Fingerprint Coating	1421703
HBU 6 P	Stainless Steel, Powder coated white	1421704
	Optional accessories	Art. No.
PB 1	Plastic bags grey, 4 x 50 pcs.	461500
HYGB K	Hygienic bags, plastic, 4 x 25 pcs.	1245800



## Hygienic waste bin

**HBU**

For disposal of sanitary towels etc., free-standing and wall mounting possible, with hidden waste bag holder inside.

Dimensions: HBU 10: W 278 x H 424 x D 128 mm

HBU 18: W 278 x H 507 x D 183 mm

	Volume 10 Liter	Art. No.
HBU 10 E AFP	Stainless steel with Anti-Fingerprint Coating	1413344
HBU 10 P	Stainless steel, Powder coated white	1413345
PB 1	Plastic bags grey, 4 x 50 pcs.	461500
	Volume 18 Liter	Art. No.
HBU 18 E AFP	Stainless steel with Anti-Fingerprint Coating	909700
HBU 18 P	Stainless steel, Powder coated white	852600
PB 2	Plastic bags grey, 4 x 50 pcs.	506100
	Hygiene bag dispenser for Plastic bags	Art. No.
HB 2 E AFP	Stainless steel with Anti-Fingerprint Coating	1245700
HB 2 P	Stainless steel, Powder coated white	1245600
HYGB K	Plastic bags grey, 4 x 50 pcs.	1245800





## Toilet paper dispenser for 1 standard toilet paper roll

### TRU 1

Max. roll diameter 130 mm.

Dimensions: W 130 x H 155 x D 117 mm

		Art. No.
TRU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	1411586
TRU 1 P	Stainless steel, Powder coated white	1411587

automatic  
roll reloading



## Toilet paper dispenser for 2 standard toilet paper rolls

### TRU 2

With fill level window, lockable, stainless steel, automatic reloading of second roll when first roll is emptied, max. roll diameter 120 mm.

Dimensions: W 145 x H 316 x D 166 mm

		Art. No.
TRU 2 E AFP	Stainless steel with Anti-Fingerprint Coating	410700
TRU 2 P	Stainless steel, Powder coated white	140500

automatic  
roll reloading



## Toilet paper dispenser for 4 standard toilet paper rolls

### MRU

Multi-roll toilet paper dispenser, with fill level window, lockable, stainless steel, automatic rotation of the roll holster after a roll has been emptied, max. roll diameter 120 mm.

Dimensions: W 377 x H 350 x D 131 mm

		Art. No.
MRU E AFP	Stainless steel with Anti-Fingerprint Coating	319800
MRU P	Stainless steel, Powder coated white	153800



## Toilet paper dispenser for 2 compact toilet paper rolls

**SRU 2**

With fill level window, lockable, housing with safety catch, stainless steel, automatic reloading of second roll when first roll is emptied, max. roll diameter 140 mm.

Dimensions: W 143 x H 272 x D 168 mm

		Art. No.
SRU 2 AFP	Stainless steel with Anti-Fingerprint Coating	3400941
SRU 2 P	Stainless steel, Powder coated white	3400931



automatic  
roll reloading

## Toilet paper dispenser for 650 sheets

**BUU**

For single-sheet outlet, with fill level window, lockable.

Max. stack dimensions: W 130 x H 230 x D 98 mm

Dimensions: W 143 x H 300 x D 116 mm

		Art. No.
BUU 1 E AFP	Stainless steel with Anti-Fingerprint Coating	1161800
BUU 1 P	Stainless steel, Powder coated white	1161700

Single  
sheet  
pull



## Toilet paper dispenser for 1 jumbo roll

**RHU 31**

For jumbo toilet paper rolls, with fill level window, lockable, 1 jumbo toilet paper roll up to approx. ø 330 mm.

Dimensions: W 377 x H 350 x D 133 mm

		Art. No.
RHU 31 E AFP	Stainless steel with Anti-Fingerprint Coating	334200
RHU 31 P	Stainless steel, Powder coated white	316600



RHU 31



Elastic fins on the axle apply friction to the cardboard core preventing the roll from unravelling.

## Replacement holder for standard toilet paper rolls

### ERU

For 1, 2 or 4 standard toilet paper rolls, max. ø 120 mm.

Dimensions: ERU: W 130 x H 130 x D 122 mm  
ERU 2: W 280 x H 130 x D 122 mm  
ERU 4: W 133 x H 400 x D 133 mm

	for 1 standard roll	Art. No.
ERU E AFP	Stainless steel with Anti-Fingerprint Coating	1411588
ERU P	Stainless steel, Powder coated white	1411589
	for 2 standard rolls	Art. No.
ERU 2 E AFP	Stainless steel with Anti-Fingerprint Coating	1420135
ERU 2 P	Stainless steel, Powder coated white	1420136
	for 4 standard rolls	Art. No.
ERU 4 E AFP	Stainless steel with Anti-Fingerprint Coating	1421868
ERU 4 P	Stainless steel, Powder coated white	1421869

## Toilet brush holder

### WBU 3

Housing made of brushed stainless steel 1.4404 (AISI316L), resistant to chlorinated cleaners, removable drip tray made of plastic, incl. brush, stainless steel handle and drip tray, free-standing and wall mounting possible.

Dimensions: W 86 x H 382 x D 120 mm

	Toilet brush holder	Art. No.
WBU 3 E AFP	Stainless steel with Anti-Fingerprint Coating	1414689
WBU 3 P	Stainless steel, Powder coated white	1414690
	Accessories	Art. No.
WBU 3	Toilet brush, black	1415574
WBU 3	Brush head, black with thread	1413533
WBU 3	Drip tray	1413534

## Toilet brush holder

### WBU 2

Housing made of brushed stainless steel 1.4404 (AISI316L), resistant to chlorinated cleaners, removable drip tray made of plastic, incl. brush, stainless steel handle, free-standing and wall mounting possible.

Dimensions: W 86 x H 382 x D 120 mm

	Toilet brush holder	Art. No.
WBU 2 E AFP	Stainless steel with Anti-Fingerprint Coating	1336600
WBU 2 P	Stainless steel, Powder coated white	1339900
	Accessories	Art. No.
WBU 2	Toilet brush, black	1418714
WBU 2	Drip tray	1402700





## Universal washroom hook

**UHU**

For wall mounting, incl. bolt and plastic screw anchor, stainless steel.

Dimensions: D 50 mm, Ø 16 mm

		Art. No.
UHU E AFP	Stainless steel with Anti-Fingerprint Coating	1411590
UHU P	Stainless steel, Powder coated white	1411591



## Built-in countertop soap dispenser, 1000 ml

**WTT**

Pump for liquid soap, refillable from the top or the bottom (under counter), for tabletops and bathroom counters with thickness of up to 40 mm, long (WTT 17) or short (WTT 12) tube, including one empty 1000 ml HDPE container.

Pump: plastic, approx. 1.5 ml / stroke

Dimensions: WTT 12: W 32 x H 65 x D 122 mm

WTT 17: W 32 x H 75 x D 172 mm

		Art. No.
WTT 12	short outlet tube	297700
WTT 17	long outlet tube	317100



## Built-in countertop foam soap dispenser, 1000 ml

**CMD**

Pump made of stainless steel, refillable from the top or the bottom (under counter), for tabletops and bathroom counters with thickness of up to 50 mm, long (CMD 6) or short (CMD 4) tube, incl. one empty 1000 ml HDPE container.

Pump: plastic, approx. 1 ml / stroke

Dimensions: CMD 4: W 60 x H 105 x D 135 mm

CMD 6: W 60 x H 105 x D 185 mm

		Art. No.
CMD 4	short outlet tube	4400987
CMD 6	long outlet tube	4400988



# General Terms

Important: This document is a translation, and in a dispute the German version will be taken as the correct version

The following conditions of sale apply exclusively for all deliveries, including those from future transactions. Deviating agreements require our written confirmation. These conditions of sale apply as accepted on the receipt of our goods and/or services, at the latest.

Our conditions of sale only apply for companies, corporate bodies under public law or special funds under public law.

## 1. Quotation and conclusion of contract

Our quotations are non-binding.

Contracts are first concluded with our written acceptance of orders submitted to us, with our receipt of written declarations of acceptance or when the delivery items ordered by the purchaser have been delivered. This applies accordingly for additions and amendments to contracts.

All specifications, such as measurements, weights, figures, descriptions, assembly drawings and diagrams in prospectuses, price lists and other printed material are only approximations calculated as accurately as possible, however they are non-binding for us in this respect. Models and drawings remain our property.

## 2. Dates and deadlines

Specified dates and deadlines are only binding insofar as they have been expressly agreed upon as binding in the written form.

Unforeseen extraordinary events, such as labour disputes, official Dimensions, interruptions in operations or other acts of higher power, regardless of whether they have taken place with us or with our suppliers, exempt us from our duty of delivery and/or performance for the duration of their effects or exempted us entirely if they entail the impossibility of the performance. Any agreed-upon contractual penalty does not apply as forfeited under these circumstances.

If the purchaser has a claim to compensation for default damages, this claim is limited, insofar as we are only accused of minor negligence, to 0.5% of the invoice value for each completed week of default; however the total may not exceed 5% of the agreed purchase prices of the deliveries and services affected by the delay.

## 3. Shipment and transfer of risk / insurance

In the case of a purchase involving the carriage of goods on consignment, the risk of the accidental perishing and the accidental deterioration of the goods passes along with the transfer to the carrier, haulier or the person or agency specified for the performance of the shipment.

The transfer also applies when the purchaser is in default of acceptance.

Insurance is only arranged for at the request of the purchaser.

## 4. Payment

Insofar as nothing different is agreed upon, our invoices are due immediately and are payable within 14 days of the date of invoice.

Insofar as no special agreement is struck, a cash discount deduction amounting to 2% is only possible in the case of advance payments, or in the case of an unhampered receipt of payment in the bank transfer process on the basis of the direct debit authorisation issued to us, subject to fulfilment of the following conditions.

A cash discount deduction is only permitted insofar as all due invoices which were already due – excluding those to which the purchaser has made legitimate objections – have been paid.

The net invoice amount after the deduction of discounts, freight and other non-discountable performances applies as the decisive basis for calculation.

We only accept cheques after prior express agreement undertaking to pay and on the condition that they are discountable.

Credit for cheques and bills of exchanges is only issued after encashment; assignments of claims are only credited after payment. The claim and its maturity remain unaffected until that point in time.

We assume no guarantee for the timely encashment and protesting.

Note taxes, discount charges, protest charges and cashing charges are borne the purchaser.

If a reasonable doubt of the purchaser's creditworthiness or ability to pay should arise after the conclusion of contract, we are entitled to refuse the performance incumbent upon us until the purchaser provides service in return and has paid our claims due for payment - including those from earlier transactions in the ongoing business relationship - or has furnished corresponding securities. If multiple claims against the purchaser exist, incoming payments are credited against the oldest respective claim.

## 5. Offsetting and right of retention

The purchaser is only entitled to offsetting and/or a right of retention if the counterclaim is based on the same contractual relationship or the counterclaim is undisputed, uncontested or has been finally and non-appealable established.

## 6. Liability for defects

Unless otherwise specified as follows, we shall be liable for material defects and legal deficiencies (including incorrect delivery and missing items) in accordance with the regulations. The regulations for supplier regress remain unaffected in any case.

Objections on the basis of defects of the goods, incorrect deliveries and deviations in quantity - even for excess delivery - must be immediately asserted in writing or no later than 14 days after receipt, insofar as they can be verified through reasonable investigation.

For defects of goods and/or services, we provide supplementary performance through a rectification of defects or replacement delivery, at our own discretion.

In the case of the failure of these Dimensions, which means the impossibility, the unacceptability, refusal or unreasonable delay of the rectification of defects or delivery of replacement parts, the purchaser can withdraw from the contract or reduce the purchase price accordingly.

If we are to blame for a defect, the purchaser can demand compensation for damages under the conditions specified in Numeral 7.

Claims for defects are limited to a period of one year after the delivery of the goods, insofar as we have not assumed liability in the scope of a manufacturer's warranty for a longer period of time. This does not apply to items which have been used for a construction in accordance with its customary manner of use and have caused its deficiency.

If a used item is sold, we are not liable for any defects unless we have fraudulently concealed the defects. This exception does not apply for compensation claims in case of liability for material defects caused by gross negligence or a deliberate violation of obligations as well as danger to life, limb and health. Any existing claims that might exist against third parties in case of liability for material defects shall be transferred to the purchaser.

It is agreed that only our product description applies as the condition of the goods, as a basic principle. Public statements, promotions or advertisements, on the other hand, do not represent a contractual specification of the condition of the goods.

The purchaser does not receive any guarantees from us in the legal sense.

## 7. Liability

We are liable within the scope of the statutory provisions insofar as the purchaser has asserted damage claims which are based on the intention or gross negligence of our agencies, representatives or vicarious agents. If the cause of a damage is based on minor negligence, we are only liable insofar as significant contractual duties are breached. Significant contractual duties are to be understood as duties whose fulfilment are necessary for the proper execution of the contract and in whose compliance the contractual partner may normally have faith.

In accordance with the preceding clause, we are liable for minor negligence limited to the liability for the foreseeable damages typical for the respective contract.

If compensation for damages is demanded on the basis of the deficiency of the item in the case of minor negligence, the goods remain in the purchaser's possession insofar as this is reasonable for them. The compensation for damages is limited to the difference between the value of the defective item and the purchase price.

The preceding limitations of liability do not apply in the case of injury to the life, body or health or in cases of mandatory liability on the basis of the provisions of the Product Liability Act. The limitations of liability do not apply in the case of the issue of guarantees whose content has the purpose of safeguarding the purchaser against such damages, either.

## 8. Retention of title

Our deliveries take place exclusively under retention of title. The property is only transferred to the purchaser once they have compensated us for their bills payable.

In the case of an account current, the goods subject to retention of ownership also apply as a security for our balance claim. Any processing, reworking, installation or other use of the goods delivered by us which remain our property is carried out by the customer on our behalf.

If the goods delivered by us are combined or mixed with other items, we acquire co-ownership of the new item and/or the mixed assets proportional to the invoice value of the goods subject to retention of title. The purchaser stores the goods whose sole or co-ownership we are entitled to. If the mixture or combination takes place in such a manner that the purchaser's item should be considered the primary item, it is agreed that the purchaser transfers proportional co-ownership to us and that item is also kept safe for us.

Prior to acquiring ownership, the purchaser may only sell the delivered goods in the normal course of business and may not agree with their customer to a prohibition of assignment. The purchaser is also obligated to enjoin our retention of title on their customer.

Encroachments on our rights, especially seizure and confiscation, must be reported to us by the purchaser immediately in writing with inclusion of copies of impoundment reports. .

Until the full repayment of all of our bills payable, the purchaser assigns all claims to us, along with all ancillary rights and safeguards, which they have accrued from their customers through future sales of our delivered goods in the amount of the invoice value of the goods delivered by us and sold by the purchaser plus an additional 10%, as well as any claims from their insurer. We hereby accept the assignment. If the value of the assignments and securities exceeds our claims by more than the 10% specified in Sentence 1, we are obligated to release the corresponding securities of our choice at the purchaser's request.

At our request the purchaser is obligated to inform their customer of the assignment and to provide us with the necessary information and to hand over the documentation necessary for the assertion of our rights towards the customer. We are entitled to inform the purchaser's customer of the assignment. This applies as a cancellation of the following collection authorisation.

The purchaser is empowered to collect the assigned claim for us, however only insofar as they fulfil their contractual duty of payment. We can revoke the empowerment of the purchaser for the collection of our claim. The amounts collected must be set aside by the purchaser and paid to us immediately. The purchaser bears any costs for intervention.

A sale in the sense of these conditions of sale includes the reworking, installation or other use.

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A sale in the sense of these conditions of sale includes the reworking, installation or other use.

## 9. Place of fulfilment and jurisdiction

The place of fulfilment for all obligations arising from this delivery transaction is Issum, Germany.

The local or district court responsible for Issum, Germany shall settle any disputes arising from the business relationship between us and the purchaser.

The law of the Federal Republic of Germany applies exclusively. The application of the UN Convention on the International Sale of Goods (CISG) is excluded.

If individual provisions of these General Terms and Conditions should be or become invalid either wholly or in part on the basis of the deviation of provisions which do not serve for the protection of the purchaser, the wholly or partly invalid provision shall be replaced by a provision whose economic outcome comes as close as possible to the invalid provision.

## Information

### Liability for defects and product guarantee

Surpassing the statutorily prescribed 2-year period of limitation for the liability of defects, we assume liability for defects in accordance with our General Terms and Conditions by means of a voluntary manufacturer's warranty for a period of five years for SanTRAL® and ingo-man® aluminium and stainless steel products, starting from the date of delivery, subject to the intended use and the use of original OPHARDT hygiene parts for all of our deliveries, with the exception of the deliveries of plastic devices/pumps.

### Return of goods

Within 8 weeks of the original purchase date, unused standard products in their original packaging and part of the current price list may be returned after consultation, and with reference to the original invoice number. A credit note will be issued with a minimum deduction of 35% of the net purchase value. Requests for payout of the credit will not be accepted. Filling goods may not be returned. For organizational reasons, we can only accept prepaid return shipments.

### Printing or special powder coating

...printing in any RAL colours as well as autoclavable powder coating are offered for an extra charge.

### Customers colours for plastic products

...are offered starting at preset minimum quantities. Please make a special request.

### Price adjustments

...we explicitly reserve the right to make price adjustments.

### Technical modifications

...may be carried out without announcement, in the interest of our customers, and to further enhance our products.

### Terms and conditions

Our general terms and conditions apply.

Further information at [www.ophardt.com](http://www.ophardt.com)

# BREAKING THE CHAIN OF INFECTION



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