



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 the product to drain onto hospital floors overnight. 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. With continued innovation, we aim to provide more sustainable dispensing solutions, such as our **WECO®** human-powered dispenser, which sends compliance data to a central database using energy that is 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.



Contents

Featured Products	4
In Medical Applications	
ingo-man® plus Soap and Disinfectant Dispensers	18
OPHARDT Hygiene Monitoring System® OHMS	28
Pumps	34
Overview Soap and Disinfectant Dispensers	38
Accessories	42
Disinfectant Stands	50
Bracket Systems	53
Disinfectant Dispenser for Feet	58
Paper Towel Dispensers	60
Waste Bins	62
OP-Accessories	65
Copper Hygiene Solutions	66
PRAESIDIO® Disinfectant Dispenser for Public Areas	68
In Public Washrooms	
SanTRAL® Dispenser System for Liquid Soap, Disinfectant and Foam Soap	70
Paper Towel Dispensers	80
Dual Dispenser	86
Waste Bins	88
Toilet Paper Dispensers	90
Replacement Roll Holders and Toilet Brushes	92
Built-in Soap Dispensers, Universal Hook	93
Dispenser Systems for the Transportation Sector	94
the untouchable™ - Multifunctional Touchless Faucet Systems	96
Customized Solutions	
KX Soap and Disinfectant Dispensers	98
Neptune Soap and Disinfectant Dispensers	104
OPHARDT hygiene 38 mm Pumps	108
BTF Foam Pump	112
PRAESIDIO® X Disinfectant Dispenser for Public Areas	114
OPHARDT as your OEM Partner	116
General Terms	122



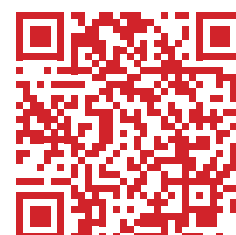


Hygienic waste bin for hands-free operation
ingo-slide

When disposing of waste, the hygienic “no-hands principle” ensures effective protection against the spread of bacteria and germs - which is critical in health-care settings. This is exactly where OPHARDT hygiene’s new hygienic waste disposal unit makes its mark. The ingo-slide is designed to be mounted either on nurses’ trolleys or on walls, and opened using a patented mechanical opening feature when tipped lightly by the foot. When disposal is complete, the ingo-slide can be closed with a gentle touch of the knee.



- ▶ Hygienic, hands-free operation
- ▶ Simple to use: open with toe / close with knee
- ▶ Robust Material (Stainless steel, AFP or powder coated white)
- ▶ Volume: 15 or 25 liter
- ▶ Soft-closing
- ▶ Clean, intuitive design
- ▶ Storage for spare rolls of plastic bags



See the ingo-slide
 how-to video

	Description	Art. No.
▶	ingo-slide 15 E AFP Stainless steel with Anti-fingerprint Coating, 15 l	1422612
	ingo-slide 15 P Powder coated white, 15 l	1422613
	ingo-slide 25 E AFP Stainless steel with Anti-fingerprint Coating, 25 l	1422614
	ingo-slide 25 P Powder coated white, 25 l	1422615



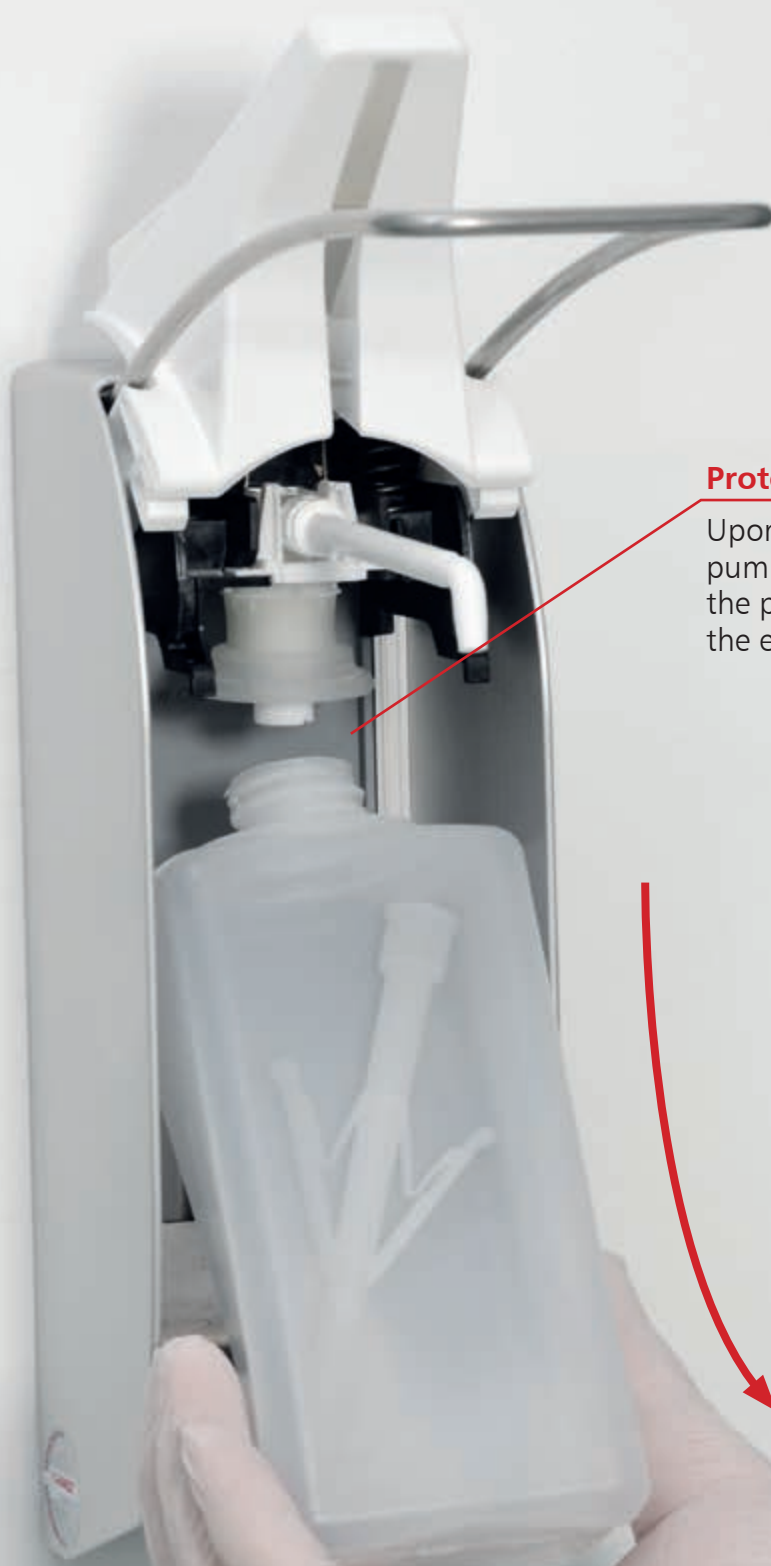


KLINIKUM
 WESTMÜNSTERLAND

St. Agnes-Hospital Bocholt

„The hands-free operation ensures the hygienic disposal of waste in everyday clinical practice and fits perfectly into our clinic-wide overall hygiene concept.“

Dr. med. Olaf Baumhove,
 Chief Physician at St. Agnes Hospital Bocholt



Protection against reuse:

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



RECYCLABLE

Superior hygiene eliminates the 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
- ▶ Dosage 1.5 ml/stroke
- ▶ 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



Watch the video



▶	suitable for	minimum order	Art. No.
DHP IMP E	500 ml bottles, ingo-man® plus	150 pcs.	4401857
DHP IMP T	1000 ml bottles, ingo-man® plus	120 pcs.	4401858
DHP RX	500 ml bottles, RX	150 pcs.	4401860





The flexible dispenser series: stand-alone, wall-mounting, or hygiene stands.

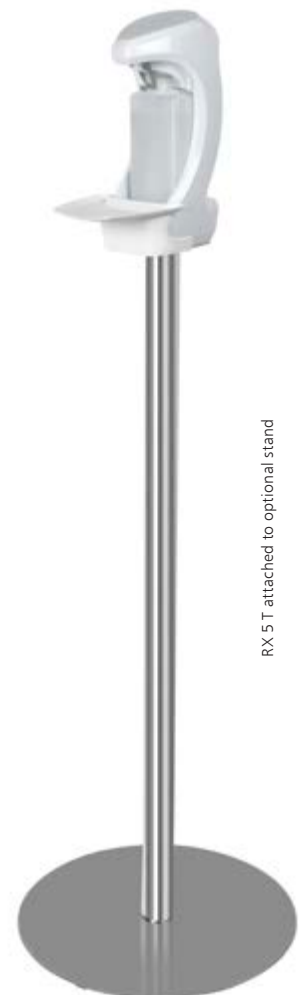
RX 5 T

For disinfectant, alco-gel, soap and flowable lotions, compatible with 500 ml Euro bottle (not included), incl. DHP (Disposable Hygiene Pump), easy one-handed pump exchange through front, dosage amount 1.0 or 1.5 ml / stroke, portable, plastic, optional with back plate for wall mounting, incl. batteries, hygiene stand ordered separately.

Pump: DHP disposable hygiene pump
 Bottle: For 500 ml Standard Euro bottle
 Dimensions: W 102 x H 269 x D 142 (158) mm (with back plate)



	1.0 ml / stroke dosage	Art. No.
RX 5 T DHP	without drip tray	4402144
RX 5 T DHP	with back plate for wall mounting	4402145
RX 5 T DHP	with white drip tray	4402289
RX 5 T DHP	with back plate for wall mounting and white drip tray	4402287
RX 5 T DHP	with yellow drip tray	4402281
Signal Yellow		
RX 5 T DHP	with back plate for wall mounting and yellow drip tray	4402280
Signal Yellow		
RX 5 T DHP	with orange drip tray	4402273
Signal Orange		
RX 5 T DHP	with back plate for wall mounting and orange drip tray	4402272
Signal Orange		
RX 5 T DHP	with red drip tray	4402277
Signal Red		
RX 5 T DHP	with back plate for wall mounting and red drip tray	4402276
Signal Red		
	1.5 ml / stroke dosage	Art. No.
RX 5 T DHP	without drip tray	4402146
RX 5 T DHP	with back plate for wall mounting	4402147
RX 5 T DHP	with white drip tray	4402285
RX 5 T DHP	with back plate for wall mounting and white drip tray	4402283
RX 5 T DHP	with yellow drip tray	4402279
Signal Yellow		
RX 5 T DHP	with back plate for wall mounting and yellow drip tray	4402278
Signal Yellow		
RX 5 T DHP	with orange drip tray	4402271
Signal Orange		
RX 5 T DHP	with back plate for wall mounting and orange drip tray	4402270
Signal Orange		
RX 5 T DHP	with red drip tray	4402275
Signal Red		
RX 5 T DHP	with back plate for wall mounting and red drip tray	4402274
Signal Red		
	Optional Accessories	Art. No.
Back plate	for wall mounting	4401226
Drip tray	white	4402269
RX 5 T stand	mounting height 95 cm, Stand ø 40 cm (available Q2 2019)	1422671



RX 5 T attached to optional stand

NEW

Drip trays available Q2 2019





Hand hygiene made easy

RX 5 M

For disinfectant, alco-gel, soap and flowable lotions, compatible with 500 ml Euro bottle (not included), incl. DHP (Disposable Hygiene Pump), easy one-handed pump exchange through front, 1.5 ml / stroke, plastic body, stainless steel lever, drip tray, for wall mounting, optional lock.

Pump: DHP disposable hygiene pump
 Bottle: For 500 ml Standard Euro bottle
 Dimensions: W 95 (176) x H 314 x D 144 (250) mm (with drip tray)

	Type	Art. No.
RX 5 M DHP Clear (Non-Locking)	clear drip tray with printed instructional graphics	4402252
RX 5 M DHP Clear (Locking)	lockable clear drip tray with printed instructional graphics	4402253
RX 5 M DHP White (Non-Locking)	white drip tray	4401974
RX 5 M DHP White (Locking)	lockable white drip tray	4401975
RX 5 M DHP Signal Yellow (Non-Locking)	yellow drip tray	4402230
RX 5 M DHP Signal Yellow (Locking)	lockable yellow drip tray	4402291
RX 5 M DHP Signal Orange (Non-Locking)	orange drip tray	4402250
RX 5 M DHP Signal Orange (Locking)	lockable orange drip tray	4402290
RX 5 M DHP Signal Red (Non-Locking)	red drip tray	4402228
RX 5 M DHP Signal Red (Locking)	lockable red drip tray	4402229





Hygiene in food processing areas

The food processing industry requires extremely high standards for hygiene in their facilities. Hand hygiene is specifically critical as the hands are the most important “tool” when processing food. As a result, soap and hand disinfectant dispensers, as well as careful hand drying are extremely important for ideal hand hygiene. Our hygiene dispensers have been developed with the highest hygiene standards that meet the quality requirements of the food industry and perfectly compliment your established HACCP efforts. By using high-quality, corrosion-resistant stainless steel, our dispenser systems are suitable for the most challenging hygiene scenarios. Features such as sloped housing tops prevent unwanted objects and waste from being placed on the dispenser ensure a hygienic experience.



Soap and disinfectant dispenser,
optimised for food processing areas, 1000 ml

ingo-food

Sloped lid, long lever, dishwasher safe, autoclavable (134° C), easy one-handed pump exchange through front, optional accessories see p. 42

Pump: Pump 24, overview on p 34/35

Bottle: For 1000 ml Euro bottle

Dimensions: W 92 x H 302 x D 220 mm

	for 1000 ml Euro bottles	Art. No.
ingo-food TLS E	Stainless steel	1421728

„Appropriate facilities (including facilities for hygienic washing, drying of hands, hygienic sanitary facilities and changing rooms) must be available to ensure adequate personal hygiene.“

Statement of the European Food Hygiene Regulation (EC 852/2004) for food handlers.

Additional recommended products for food processing companies

Thorough hygiene is a basic prerequisite for the high-quality production and processing of food and an important component of the worldwide HACCP concept for quality assurance in the food sector. With our products, we support food processing companies by helping them implement sustainable hygiene practices.



HSU 31 E |

**Paper towel dispenser
for standard paper towels**

Stainless Steel

approx. 750 standard paper towels
in C- or Z-folding or Interfold

Dimensions:
W 278 x H 350 x D 133 mm

Art. No.: 386900

[more models on page 81](#)



CEU 1 |

**Paper towel dispenser
for center-pull paper rolls**

Stainless Steel

max. roll diameter 200 mm
max. height 275 mm

Dimensions:
W 278 x H 392 x D 214 mm

Art. No.: 745600

[more models on page 85](#)



3BV-2 |

**Bracket system
for glove dispenser**

Stainless Steel

for three glove boxes,
with adjustable latch

Dimensions:
W 254 x H 510 mm

Art. No. 3400372

[more models on page 53](#)



SK |

**Waste bin
26 or 60 liter**

Stainless Steel

incl. wall mounting kit

SK 26: W 305 x H 446 x D 195 mm

Art. No.: 376700

SK 60: W 400 x H 630 x D 270 mm

Art. No.: 705200

[more models on page 62](#)



NWB 50 |

Waste bin with foot pedal

Stainless Steel

self-closing damped lid, recessed lid to pre-
vent manual operation

W 374 x H 683 x D 376 mm

Art. No.: 1416588

[more models on page 64](#)



Infection prevention and environmental awareness combined:

Dispenser systems made from renewable raw materials.

Protection against infection and environmental sustainability can go hand in hand.

Sustainable solutions and materials help to protect the environment, and are especially important as global CO₂ emissions continue to rise. Our dispenser systems that are made of bio-based plastics effectively reduce our ecological footprint while effectively protecting against infections. When the time comes for replacement, these dispensers can easily be recycled, furthering our effort to conserve resources.

The ingo-smart and ingo-top dispenser systems are not only good for the environment, but also contribute to the prevention of infectious diseases through their reliable dosing and flexibility with various types of liquids.

Soap and disinfectant dispenser made from bio-based plastic

ingo-top

For liquid soap, detergent, shampoo, lotion and disinfectant, refillable, 250 ml or 500 ml, with plastic pump, dosage approx. 0.6 ml / stroke, coloured top, different colours upon request, free-standing or wall mounting, minimum order quantity 1 pallet.

Pump: Plastic pump, approx. 0.6 ml / stroke

Dimensions: KP 250: W 82 x H 125 x D 80 mm (minimum order quantity 864 pcs.)

KP 500: W 90 x H 165 x D 80 mm (minimum order quantity 444 pcs.)

	250 ml	Art. No.
KP 250 Bio white	white top	4401959
KP 250 Bio cyan	blue top	4402256
KP 250 Bio red	red top	4402257
	500 ml	Art. No.
KP 500 Bio white	white top	4402254
KP 500 Bio cyan	blue top	4402258
KP 500 Bio red	red top	4402259



Soap and disinfectant dispenser made from bio-based plastic

ingo-smart

For liquid soap and disinfectant, refillable, 500 ml or 1000 ml, aluminium lever, plastic pump, dosage approx. 0.6 ml / stroke, coloured top, different colours upon request, for wall mounting, bottle included, minimum order quantity 1 pallet.

Pump: Plastic pump, approx. 0.6 ml / stroke

Dimensions: ingo-smart E: W 75 x H 260 x D 150 mm (minimum order quantity 247 pcs.)

ingo-smart T: W 85 x H 300 x D 150 mm (minimum order quantity 196 pcs.)

	500 ml	Art. No.
ingo-smart E Bio white	white top	4402140
ingo-smart E Bio cyan	blue top	4402262
ingo-smart E Bio red	red top	4402263
	1000 ml	Art. No.
ingo-smart T Bio white	white top	4402139
ingo-smart T Bio cyan	blue top	4402260
ingo-smart T Bio red	red top	4402261



What is the meaning of bio-based?

Bio-based plastics are derived from renewable plant feedstocks, including lignin (wood), starches, cellulose, etc.

TÜV-approved Certification for Dispenser System Specialists

Participants of this course will acquire theoretical and practical knowledge concerning hygienic dispenser systems for hand hygiene in medical and public areas. The certificate issued is valid indefinitely and enables those certified to offer professional advice on the implementation and use of hygienic dispensing systems in various professional settings.

Through the final examination, participants will need to demonstrate knowledge in the following areas:

- History and significance of hand hygiene in association with infection protection
- Hand hygiene guidelines
- Hand hygiene in the medical and public sector with a focus on solutions, techniques and indications
- Legal requirements for dispensing systems for hand hygiene
- Types of dispenser systems
- Dosing pumps and their different formulations
- Operation and preparation of dispensing systems
- Hand drying methods and their corresponding dispensing systems
- Further topics on dispensing systems

Admission requirement: Industry related activity

Exam modules: Written exam (Multiple Choice)

Location: Center for Hand Hygiene - Compliance Campus – Lindenau 27 – 47661 Issum

Registration: training@ophardt.com

The course is limited to approx. 15 participants. Confirmation will be sent upon receipt.

For further information go to www.ophardt.com





ingo-man® plus

Quality Medical Hand Hygiene

The ingo-man® brand has stood for quality, innovation and functionality for over five decades. Since its market launch in 1967, the ingo-man® dispenser series has continued to evolve and support nurses and doctors in effective hand hygiene. Today our soap and disinfectant feature touchless technology to prevent cross-contamination, and WiFi enabled SMART systems that record and monitor usage data to help streamline efficiency and compliance.



Quality

Five-year manufacturer's warranty for ingo-man® and SanTRAL® aluminium and stainless steel products.



Flexible and reliable supply

All ingo-man® soap and disinfectant dispensers are designed to offer compatibility with products from different manufacturers. This ensures the greatest possible flexibility in function and can help reduce costs. In addition, the open format complies with the latest recommendations of the Robert Koch Institute.



The highest hygiene standards

The ingo-man® dispenser systems and stainless steel pumps, with patented front removal, are designed to withstand the most extreme conditions. Use in hygiene sensitive areas requires robust and durable materials that can tolerate the heat and pressure of an autoclave. DHP disposable pumps increase hygiene standards.



Infection prevention for every situation

The ingo-man® product series features a comprehensive range of accessories for sustainable hand hygiene. From versatile mounting brackets for attaching dispensers at the point of care, to robust paper towel dispensers for hygienic hand drying, the ingo-man® series has a solution for every situation.





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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35
 Bottle: For 500 ml Euro bottle
 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/DHP	Aluminium	4402102
IMP E P/DHP	Powder coated white	4402103
IMP E E/DHP	Stainless steel	4402104
▶ long lever		Art. No.
IMP ELS A/DHP	Aluminium	4402105
IMP ELS P/DHP	Powder coated white	4402106
IMP ELS E/DHP	Stainless steel	4402136



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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35
 Bottle: For 1000 ml Euro bottle
 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/DHP	Aluminium	4402107
IMP T P/DHP	Powder coated white	4402108
IMP T E/DHP	Stainless steel	4402109
▶ long lever		Art. No.
IMP TLS A/DHP	Aluminium	4402110
IMP TLS P/DHP	Powder coated white	4402111
IMP TLS E/DHP	Stainless steel	4402112



long or short lever



optional: Clip with your Logo



optional: Clip with Counter

Product variations: p. 38-41
 Pumps: p. 34/35
 Accessories: p. 42



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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35
 Bottle: For 500 ml or 1000 ml Standard Euro bottle
 Dimensions: W 92 x H 330 x D 210 mm

for 500 ml Euro bottles		Art. No.
IMP E A DHP Touchless	Aluminium	4402148
IMP E A DHP Touchless	Aluminium	4402149
mains operated		
IMP E E DHP Touchless	Stainless steel	4402150
IMP E E DHP Touchless	Stainless steel	4402151
mains operated		
for 1000 ml Euro bottles		Art. No.
IMP T A DHP Touchless	Aluminium	4402152
IMP T A DHP Touchless	Aluminium	4402153
mains operated		
IMP T E DHP Touchless	Stainless steel	4402154
IMP T E DHP Touchless	Stainless steel	4402155
mains operated		

**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

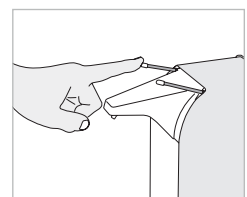
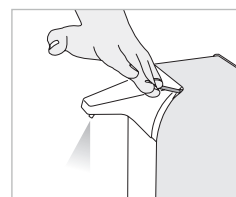
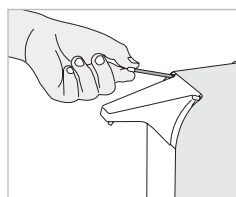
IMP Touchless XT

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. 42.

Pump: IMP touchless pump, overview on p. 34/35
 Bottle: For 500 ml or 1000 ml Standard Euro bottle,
 Dimensions: W 92 x H 330 x D 210 mm

for 500 ml Euro bottles		Art. No.
IMP E A DHP Touchless XT	Aluminium	4402156
IMP E A DHP Touchless XT	Aluminium	4402157
mains operated		
IMP E E DHP Touchless XT	Stainless steel	4402158
IMP E E DHP Touchless XT	Stainless steel	4402159
mains operated		
for 1000 ml Euro bottles		Art. No.
IMP T A DHP Touchless XT	Aluminium	4402160
IMP T A DHP Touchless XT	Aluminium	4402161
mains operated		
IMP T E DHP Touchless XT	Stainless steel	4402162
IMP T E DHP Touchless XT	Stainless steel	4402163
mains operated		

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







Hand hygiene - Increase Compliance through Visibility

Bring eye-catching visibility to your dispensers with the ingo-man® plus Hi-Vis Colour and actively promote better hand hygiene in daily clinical practice.

The high visibility colours of the ingo-man® plus is clinically proven to attract more 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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: For 500 ml Euro bottle

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/DHP	luminous red	4402113
IMP E P/DHP	luminous bright orange	4402114
IMP E P/DHP	luminous yellow	4402115
▶ long lever		Art. No.
IMP ELS P/DHP	luminous red	4402116
IMP ELS P/DHP	luminous bright orange	4402117
IMP ELS P/DHP	luminous yellow	4402118



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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: For 1000 ml Euro bottle

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/DHP	luminous red	4402119
IMP T P/DHP	luminous bright orange	4402120
IMP T P/DHP	luminous yellow	4402121
▶ long lever		Art. No.
IMP TLS P/DHP	luminous red	4402122
IMP TLS P/DHP	luminous bright orange	4402123
IMP TLS P/DHP	luminous yellow	4402124



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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: Standard Euro bottle

Dimensions: W 92 x H 330 x D 210 mm



	for 500 ml Euro bottles	Art. No.
IMP E P DHP Touchless	luminous red	4402164
IMP E P DHP Touchless	luminous bright orange	4402165
IMP E P DHP Touchless	luminous yellow	4402166
	for 1000 ml Euro bottles	Art. No.
IMP T P DHP Touchless	luminous red	4402167
IMP T P DHP Touchless	luminous bright orange	4402168
IMP T P DHP Touchless	luminous yellow	4402169

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. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: Standard Euro bottle

Dimensions: W 92 x H 330 x D 210 mm



	for 500 ml Euro bottles	Art. No.
IMP E P DHP Touchless XT	luminous red	4402170
IMP E P DHP Touchless XT	luminous bright orange	4402171
IMP E P DHP Touchless XT	luminous yellow	4402172
	for 1000 ml Euro bottles	Art. No.
IMP T P DHP Touchless XT	luminous red	4402173
IMP T P DHP Touchless XT	luminous bright orange	4402174
IMP T P DHP Touchless XT	luminous yellow	4402175

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” device saves energy, while eliminating additional maintenance and waste generated from battery use. With over 30 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. 42.

- ▶ Integrated counter: To measure hand hygiene behaviour
- ▶ Fully automated data transfer via WiFi to analysis tool
- ▶ Continuous monitoring of dispenser functionality, with automatic notification
- ▶ “Bottle Empty” warning: Automatic warning when bottle needs to be changed via OHMS software
- ▶ “Green Tech”: 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: DHP disposable hygiene pump, overview on p. 34/35

Bottle: Standard Euro bottle

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/DHP Weco	Aluminium	4402292
▶ for 1000 ml Euro bottles		Art. No.
IMP TLS A/DHP Weco	Aluminium	4402293



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:

A global hygiene monitoring solution



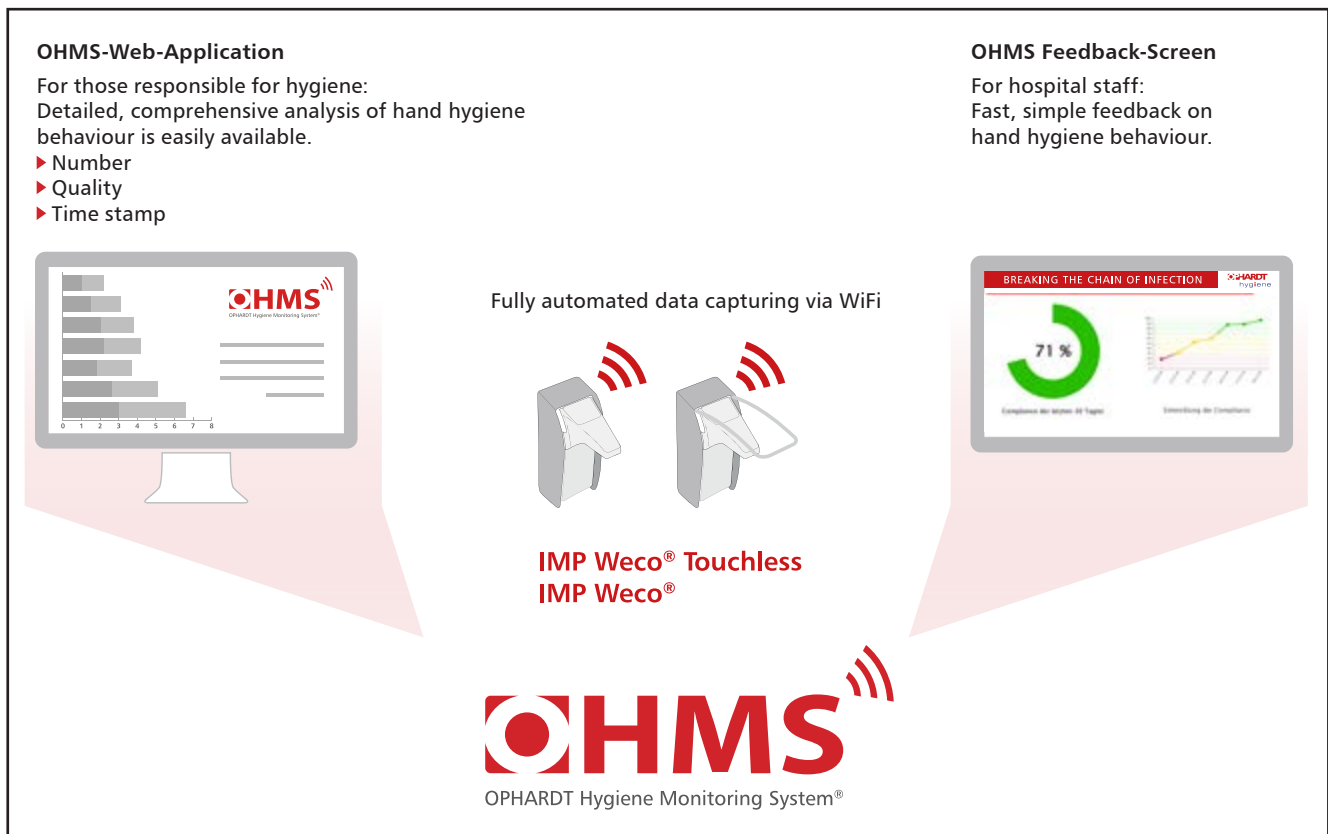
Since the introduction of the OPHARDT Hygiene Monitoring System® (OHMS), the number of installations has steadily risen steadily. With more than 30 million hand hygiene events measured, the system now supports more than 30 facilities throughout Europe, helping to improve hygiene compliance. University clinics, hospitals and elderly care facilities have all increased their interest and implementation of our OHMS.

One major advantage of the OHMS system is that it is easily adaptable to additional monitoring systems, such as "badge" systems, and can be seamlessly integrated into existing processes of hospital staff. Our OHMS dispensers

have the capability to send usage data 24/7 via WiFi connection to a central server, and our web-based software allows users to call-up numerous practice-oriented evaluations to effectively monitor hand hygiene behaviour.

Instant feedback on hand hygiene:

Beginning in 2019, our newly developed user interface has improved our existing OHMS capabilities with the ability to provide hospital staff with essential data on hand hygiene behaviour via monitors „in the ward“. This demonstrably increases compliance, as colour-coded target areas and detailed graphics make OHMS easy to use and understand.



References



BDH Clinic Greifswald:

OHMS in the wild – Hand Hygiene improved, hospital acquired 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.

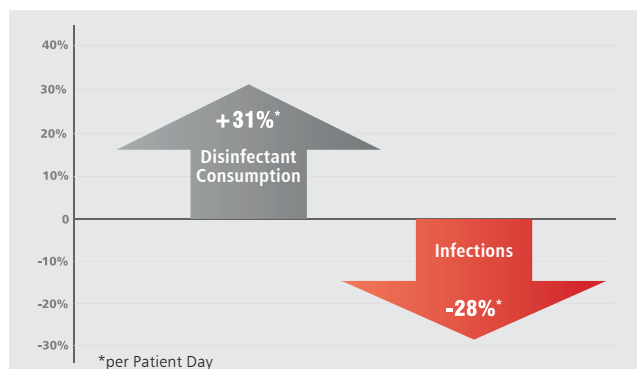
The first phase of the project was conducted over a six-month period, from May 2013 – November 2013, where the number of nosocomial infections and the amount of antibiotic consumption was recorded. At the same time, the OPHARDT Hygiene Monitoring System® was used passively to record all hand hygiene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

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

During the following six-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 six-month period.

The hand hygiene data analysis was focused on both the total amount of disinfectant 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

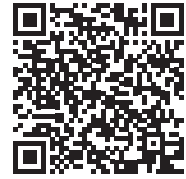




OPHARDT Hygiene Monitoring System®

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 insight into the advantages of hand hygiene monitoring.



Watch Video



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. 42

- ▶ Integrated counter: To measure hand hygiene behaviour
- ▶ Fully automated data transfer via WiFi to analysis tool
- ▶ Continuous monitoring of dispenser functionality, with automatic notification
- ▶ "Bottle Empty" warning: Automatic warning when bottle needs to be changed via OHMS software
- ▶ "Green Tech": 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: DHP disposable hygiene pump, overview on p. 34/35

Bottle: Standard Euro bottle

Dimensions: IMP Weco ELS: W 82 x H 290 x D 269 mm

IMP Weco TLS: W 94 x H 324 x D 269 mm



	for 500 ml Euro bottles	Art. No.
▶	IMP ELS A/DHP Weco Aluminium	4402292
	for 1000 ml Euro bottles	Art. No.
▶	IMP TLS A/DHP Weco Aluminium	4402293

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. 42

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

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: For 1000 ml Standard Euro bottle

Dimensions: W 92 x H 330 x D 210 mm



	for 1000 ml Euro bottles	Art. No.
▶	IMP T A/DHP Weco Aluminium Touchless	4402294

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. 42

Pump: DHP disposable hygiene pump, overview on p. 34/35

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/DHP Counter	Aluminium	4402131
IMP E P/DHP Counter	Powder coated white	4402133
IMP E E/DHP Counter	Stainless steel	4402135
	long lever	Art. No.
IMP ELS A/DHP Counter	Aluminium	4402132
IMP ELS P/DHP Counter	Powder coated white	4402134
IMP ELS E/DHP Counter	Stainless steel	4402137



* 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. 42

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: 1000 ml standard Euro bottle

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/DHP Counter	Aluminium	4402125
IMP T P/DHP Counter	Powder coated white	4402127
IMP T E/DHP Counter	Stainless steel	4402129
	long lever	Art. No.
IMP TLS A/DHP Counter	Aluminium	4402126
IMP TLS P/DHP Counter	Powder coated white	4402128
IMP TLS E/DHP Counter	Stainless steel	4402130



* 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, external 230V power supply, ideal for hospitals and medical facilities, stainless steel emergency lever, easy one-handed pump exchange through front, optional accessories see p. 42.

Pump: DHP disposable hygiene pump, overview on p. 34/35

Bottle: For 500 ml or 1000 ml standard Euro bottle

Dimensions: W 94 x H 320 x D 255 mm

for 500 ml Euro bottle		Art. No.
IMP E A DHP Touchless TK Mains Operated	Aluminium	4402308
for 1000 ml Euro bottle		Art. No.
IMP T A DHP Touchless TK Mains Operated	Aluminium	4402309



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 see p. 42

Pump: pump 24, overview on p. 34/35

Bottle: 1000 ml standard Euro bottle

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 into 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

Pump for manual ingo-man® plus dispensers

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

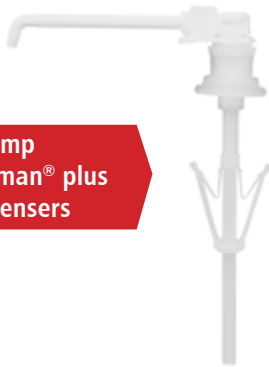
Premium quality, long life pump made of stainless steel. Wide range of soaps, lotions and disinfectants, autoclavable, suited for medical applications.

Exclusively compatible with 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

**Standard Pump
for all ingo-man® plus
and RX Dispensers**



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 (120/150 pcs.).
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 dispensers	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 chemically 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 Dosage dependent upon dispenser, not adjustable	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. 34/35)



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

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

3 Housing material

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

4 Pump unit (see p. 34/35)

...../24	Premium quality long life pump
...../25	Premium quality long life pump
...../28	Premium quality long life pump
...../KSP	High quality long life spray pump
...../K	High quality long life pump
...../F	High quality foam pump (15:1 air/soap ratio)
...../DHP	Disposable hygiene pump

Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP E A/DHP	4402102	500 ml	Aluminium	short	DHP disposable pump	
IMP E A/DHP Counter	4402131	500 ml	Aluminium	short	DHP disposable pump	•
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 E E/DHP	4402104	500 ml	Stainless steel	short	DHP disposable pump	
IMP E E/DHP Counter	4402135	500 ml	Stainless steel	short	DHP disposable pump	•
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 E P/DHP	4402103	500 ml	Powder coated white	short	DHP disposable pump	
IMP E P/DHP Counter	4402133	500 ml	Powder coated white	short	DHP disposable pump	•
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 E P/DHP luminous orange	4402114	500 ml	Powder coated luminous orange	short	DHP disposable pump	
IMP E P/DHP luminous red	4402113	500 ml	Powder coated luminous red	short	DHP disposable pump	
IMP E P/DHP luminous yellow	4402115	500 ml	Powder coated luminous yellow	short	DHP disposable pump	
IMP ELS A/DHP	4402105	500 ml	Aluminium	long	DHP disposable pump	
IMP ELS A/DHP Counter	4402132	500 ml	Aluminium	long	DHP disposable pump	•
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	•

Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP ELS E/DHP	4402136	500 ml	Stainless steel	long	DHP disposable pump	
IMP ELS E/DHP Counter	4402137	500 ml	Stainless steel	long	DHP disposable pump	•
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	•
IMP ELS A/DHP Cu	4402207	500 ml	Copper	long	DHP disposable pump	
IMP ELS P/DHP	4402106	500 ml	Powder coated white	long	DHP disposable pump	
IMP ELS P/DHP Counter	4402134	500 ml	Powder coated white	long	DHP disposable pump	•
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 ELS P/DHP luminous orange	4402117	500 ml	Powder coated luminous orange	long	DHP disposable pump	
IMP ELS P/DHP luminous red	4402116	500 ml	Powder coated luminous red	long	DHP disposable pump	
IMP ELS P/DHP luminous yellow	4402118	500 ml	Powder coated luminous yellow	long	DHP disposable pump	
IMP E A DHP Touchless	4402148	500 ml	Aluminium	--	DHP disposable pump	
IMP E A DHP Touchless Mains Operated	4402149	500 ml	Aluminium	--	DHP disposable pump	
IMP E A DHP Touchless XT	4402156	500 ml	Aluminium	--	DHP disposable pump	
IMP E A DHP Touchless XT Mains Operated	4402157	500 ml	Aluminium	--	DHP disposable pump	
IMP E E DHP Touchless	4402150	500 ml	Stainless steel	--	DHP disposable pump	
IMP E E DHP Touchless Mains Operated	4402151	500 ml	Stainless steel	--	DHP disposable pump	
IMP E E DHP Touchless XT	4402158	500 ml	Stainless steel	--	DHP disposable pump	
IMP E E DHP Touchless XT Mains Operated	4402159	500 ml	Stainless steel	--	DHP disposable pump	
IMP E P DHP Touchless luminous orange	4402165	500 ml	Powder coated luminous orange	--	DHP disposable pump	
IMP E P DHP Touchless luminous red	4402164	500 ml	Powder coated luminous red	--	DHP disposable pump	
IMP E P DHP Touchless luminous yellow	4402166	500 ml	Powder coated luminous yellow	--	DHP disposable pump	
IMP E P DHP Touchless XT luminous orange	4402171	500 ml	Powder coated luminous orange	--	DHP disposable pump	
IMP E P DHP Touchless XT luminous red	4402170	500 ml	Powder coated luminous red	--	DHP disposable pump	
IMP E P DHP Touchless XT luminous yellow	4402172	500 ml	Powder coated luminous yellow	--	DHP disposable pump	

Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP T A/DHP	4402107	1000 ml	Aluminium	short	DHP disposable pump	
IMP T A/DHP Counter	4402125	1000 ml	Aluminium	short	DHP disposable pump	•
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	Spray pump, plastic	
IMP T A/F	1418165	1000 ml	Aluminium	short	Foam pump, plastic	
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	Spray pump, plastic	•
IMP T A/F Counter	1418166	1000 ml	Aluminium	short	Foam pump, plastic	•
IMP T E/DHP	4402109	1000 ml	Stainless steel	short	DHP disposable pump	
IMP T E/DHP Counter	4402129	1000 ml	Stainless steel	short	DHP disposable 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	Spray pump, plastic	
IMP T E/F	1418173	1000 ml	Stainless steel	short	Foam pump, plastic	
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	Spray pump, plastic	•
IMP T E/F Counter	1418174	1000 ml	Stainless steel	short	Foam pump, plastic	•
IMP T P/DHP	4402108	1000 ml	Powder coated white	short	DHP disposable pump	
IMP T P/DHP Counter	4402127	1000 ml	Powder coated white	short	DHP disposable 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	Spray pump, plastic	
IMP T P/F	1418169	1000 ml	Powder coated white	short	Foam pump, plastic	
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	Spray pump, plastic	•
IMP T P/F Counter	1418170	1000 ml	Powder coated white	short	Foam pump, plastic	•
IMP T P/DHP luminous orange	4402120	1000 ml	Powder coated luminous orange	short	DHP disposable pump	
IMP T P/DHP luminous red	4402119	1000 ml	Powder coated luminous red	short	DHP disposable pump	
IMP T P/DHP luminous yellow	4402121	1000 ml	Powder coated luminous yellow	short	DHP disposable pump	
IMP TLS A/DHP	4402110	1000 ml	Aluminium	long	DHP disposable pump	
IMP TLS A/DHP Counter	4402126	1000 ml	Aluminium	long	DHP disposable 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	Spray pump, plastic	
IMP TLS A/F	1418167	1000 ml	Aluminium	long	Foam pump, plastic	
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	Spray pump, plastic	•
IMP TLS A/F Counter	1418168	1000 ml	Aluminium	long	Foam pump, plastic	•

Name	Art. No.	Volume	Material	Lever	Pump	Counter
IMP TLS E/DHP	4402112	1000 ml	Stainless steel	long	DHP disposable pump	
IMP TLS E/DHP Counter	4402130	1000 ml	Stainless steel	long	DHP disposable 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	Spray pump, plastic	
IMP TLS E/F	1418175	1000 ml	Stainless steel	long	Foam pump, plastic	
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	Spray pump, plastic	•
IMP TLS E/F Counter	1418176	1000 ml	Stainless steel	long	Foam pump, plastic	•
IMP TLS A/DHP Cu	4402208	1000 ml	Copper	long	DHP disposable pump	
IMP TLS P/DHP	4402111	1000 ml	Powder coated white	long	DHP disposable pump	
IMP TLS P/DHP Counter	4402128	1000 ml	Powder coated white	long	DHP disposable 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	Spray pump, plastic	
IMP TLS P/F	1418171	1000 ml	Powder coated white	long	Foam pump, plastic	
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	Spray pump, plastic	•
IMP TLS P/F Counter	1418172	1000 ml	Powder coated white	long	Foam pump, plastic	•
IMP TLS P/DHP luminous orange	4402123	1000 ml	Powder coated luminous orange	long	DHP disposable pump	
IMP TLS P/DHP luminous red	4402122	1000 ml	Powder coated luminous red	long	DHP disposable pump	
IMP TLS P/DHP luminous yellow	4402124	1000 ml	Powder coated luminous yellow	long	DHP disposable pump	
IMP T A DHP Touchless	4402152	1000 ml	Aluminium		DHP disposable pump	
IMP T A DHP Touchless Mains Operated	4402153	1000 ml	Aluminium		DHP disposable pump	
IMP T A DHP Touchless XT	4402160	1000 ml	Aluminium		DHP disposable pump	
IMP T A DHP Touchless XT Mains Operated	4402161	1000 ml	Aluminium		DHP disposable pump	
IMP T E DHP Touchless	4402154	1000 ml	Stainless steel		DHP disposable pump	
IMP T E DHP Touchless Mains Operated	4402155	1000 ml	Stainless steel		DHP disposable pump	
IMP T E DHP Touchless XT	4402162	1000 ml	Stainless steel		DHP disposable pump	
IMP T E DHP Touchless XT Mains Operated	4402163	1000 ml	Stainless steel		DHP disposable pump	
IMP T P DHP Touchless luminous orange	4402168	1000 ml	Powder coated luminous orange		DHP disposable pump	
IMP T P DHP Touchless luminous red	4402167	1000 ml	Powder coated luminous red		DHP disposable pump	
IMP T P DHP Touchless luminous yellow	4402169	1000 ml	Powder coated luminous yellow		DHP disposable pump	
IMP T P DHP Touchless XT luminous orange	4402174	1000 ml	Powder coated luminous orange		DHP disposable pump	
IMP T P DHP Touchless XT luminous red	4402173	1000 ml	Powder coated luminous red		DHP disposable pump	
IMP T P DHP Touchless XT luminous yellow	4402175	1000 ml	Powder coated luminous yellow		DHP disposable 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		white
SH E 26 luminous yellow	1418976	ingo-man® classic 500 ml	luminous yellow
SH E 26 luminous red	1418978	ingo-man® plus 500 ml	luminous red
SH E 26 luminous bright orange	1418977		luminous bright orange
SH T 26	161100		white
SH T 26 luminous yellow	1418979	ingo-man® classic 1000 ml	luminous yellow
SH T 26 luminous red	1418981	ingo-man® plus 1000 ml	luminous red
SH T 26 luminous bright orange	1418980		luminous bright orange
SH 4	1416600		white
SH 4 luminous yellow	1418970	ingo-man® plus Touchless	luminous yellow
SH 4 luminous red	1418972	ingo-man® plus Weco Touchless	luminous red
SH 4 luminous bright orange	1418971	ingo-man® plus Weco 1000 ml	luminous bright orange
SH E Weco	1419637		white
SH E Weco luminous yellow	2400375	ingo-man® plus Weco 500 ml	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



Dispenser not included

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

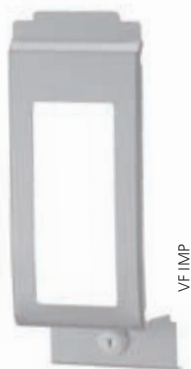
Stickers



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 touchless 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

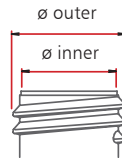
for 500 ml Dispenser		Art. No.
WH E		452200
WH FE	for front removal	1414938
for 1000 ml Dispenser		Art. No.
WH T		650900
WH FT	for front removal	1414940

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, plastic, with drip tray, stainless steel lever, for 500 ml Euro bottle (not included), incl. DHP dispasable hygiene pump, dosage 1.5 ml, for wall mounting, optional lock out feature.

Pump: DHP disposable hygiene pump, dosage 1.5 ml / stroke
 Bottle: For 500 ml Standard Euro bottle
 Dimensions: W 95 (176) x H 314 x D 144 (250) mm (with drip tray)

	Type	Art. No.
RX 5 M DHP (Non-Locking)	clear drip tray with print „opening indication“	4402252
RX 5 M DHP (Locking)	lockable clear drip tray with print „opening indication“	4402253



Touchless soap and disinfectant dispenser, 500 ml

RX 5 T

For disinfectant, alco-gel, soap and flowable lotions, plastic, for 500 ml Euro bottle (not included), incl. DHP dispasable hygiene pump, dosage 1.0 ml or 1.5 ml / stroke, desktop device, optional with back plate for wall mounting, incl. batteries, hygiene stand ordered separately

Pump: DHP disposable hygiene pump, dosage 1.0 or 1.5 ml / stroke
 Bottle: For 500 ml Standard Euro bottle
 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 DHP	without drip tray	4402144
RX 5 T DHP	with back plate for wall mounting	4402145
RX 5 T DHP	with white drip tray	4402289
	1.5 ml / stroke dosage amount	Art. No.
RX 5 T DHP	without drip tray	4402146
RX 5 T DHP	with back plate for wall mounting	4402147
RX 5 T DHP	with white drip tray	4402285
	optional accessories	Art. No.
RX 5 T stand	mounting height 95 cm, stand ø 40 cm	1422671
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

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 / stroke

Dimensions: 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.

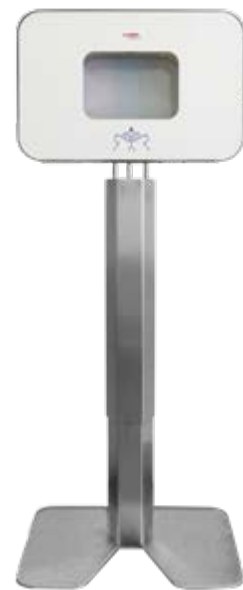
Stainless steel stand, adjustable in 5 stages from 86 to 120 cm

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 RX 5 T dispenser system offers convenient hand hygiene locations in nearly every situation thanks to its stable base, stand ordered separately.

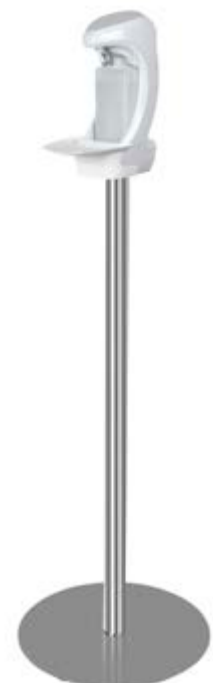
Pump: DHP disposable hygiene pump, dosage 1.5 ml / stroke

Bottle: For 500 ml Standard Euro bottle

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 DHP dispenser with white drip tray	4402285
	RX 5 T Stand stainless steel	1422671





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 sanitizing 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

▶ Stainless Steel with Anti-Fingerprint Coating		Art. No.
Disinfection Point AFP	without wheels	1419273
Disinfection Point AFP	with wheels	1419274
▶ Stainless Steel		Art. No.
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

▶ Stainless Steel with Anti-Fingerprint Coating		Art. No.
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
▶ Optional		Art. No.
Hygiene Station E AFP	Station without dispenser and drip tray	1420177
Document holder	DIN A4, retrofittable	1420527

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.



Adjustable latch

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

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



3BV/2D-2

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
	1BV/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



3BV/1D-2

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 trollies
- 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 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



Multi hold system

MH

For flexible mounting of ingo-man® classic and ingo-man® plus dispensers on patient beds or medical trollies. 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 trollies (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

WH D2

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

	Dispenser size	Art. No.
WH D2 E 25	500 ml, for 25 mm rail	3401201
WH D2 E 35	500 ml, for 35 mm rail	3401202
WH D2 E 50	500 ml, for 50 mm rail	3401203
WH D2 T 25	1000 ml, for 25 mm rail	3401204
WH D2 T 35	1000 ml, for 35 mm rail	3401205



Angle plate for standard rail

WPD2

ingo-man® angle plate for 25 mm 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 dispensers	Art. No.
WPD2 E left	dispenser left	3401239
WPD2 E right	dispenser right	3401242
	for 1000 ml dispensers	Art. No.
WPD2 T left	dispenser left	3401234
WPD2 T right	dispenser 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 trolleys.

▶	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 trolleys 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 trolleys, 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	1413329



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





Disinfectant dispenser for feet, 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



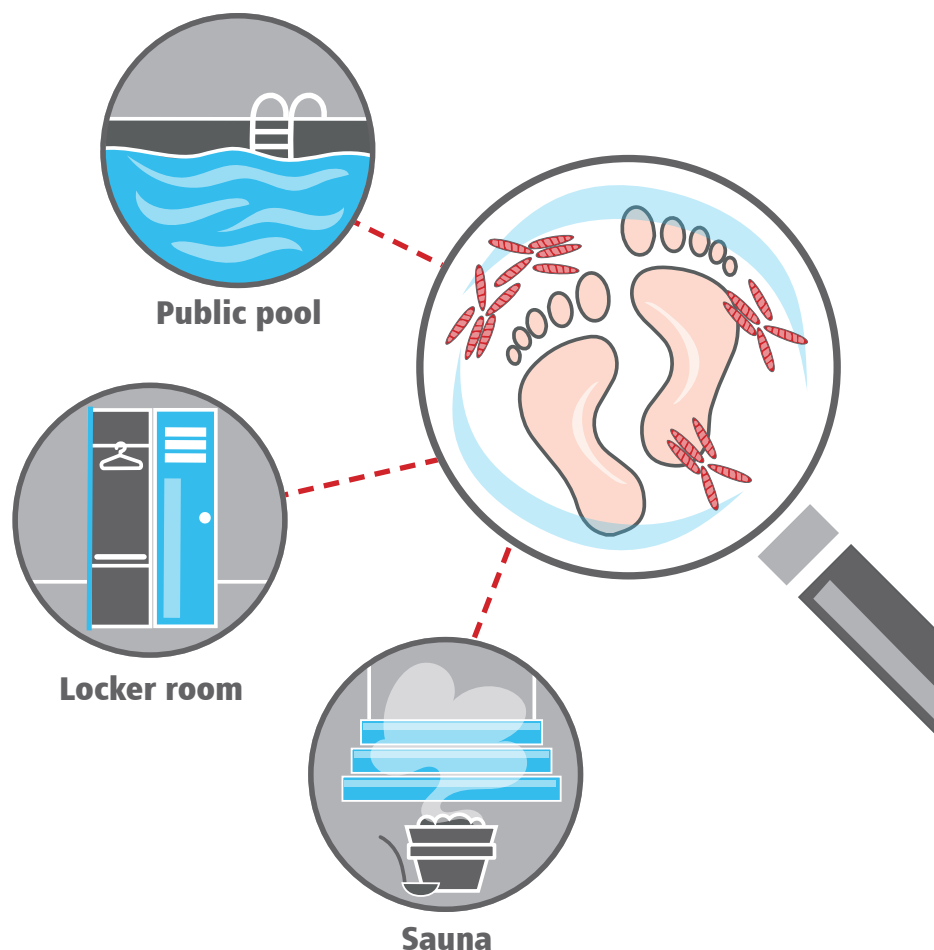
DON'T GIVE ATHLETE'S FOOT A CHANCE!

This common fungal skin infection often goes unnoticed.

A visit to the swimming pool or sauna is all that it takes to become infected.

The dermatophytes that are usually responsible for the infection, thrive and spread in humid, warm environments.

Protect your visitors and guests with a dispenser for disinfecting feet, keeping athlete's foot away.





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

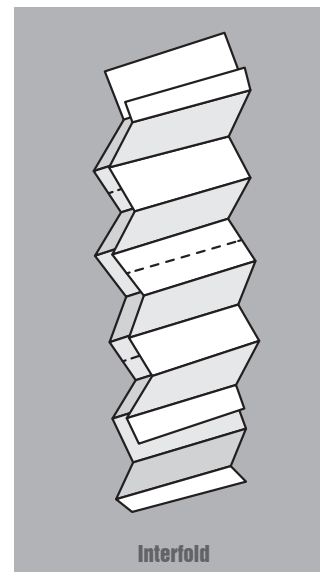
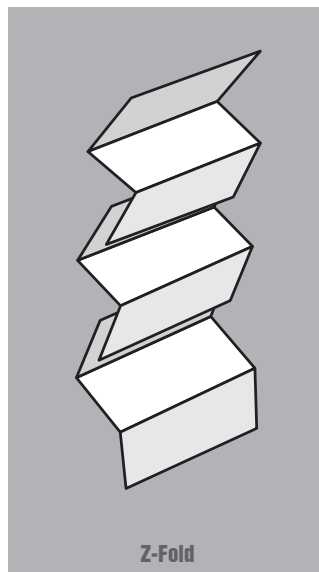
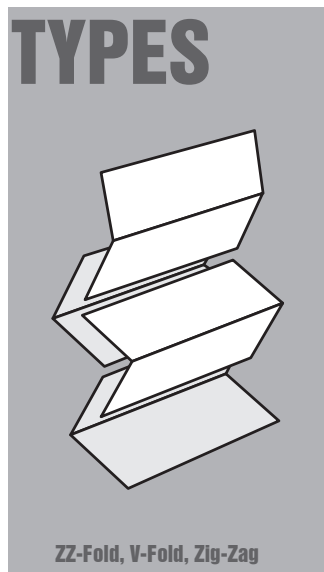
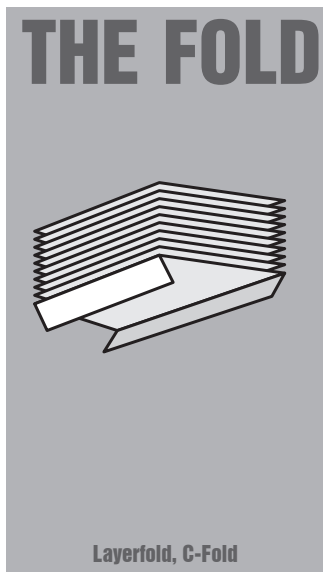
Surface with bacteriostatic effect, lockable

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



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

	ZZ-, Z- and Layerfold	Art. No.
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

	ZZ-, Z- and Layerfold	Art. No.
HS 31 A	Aluminium	778900
HS 31 P	Powder coated white	779000
HS 31 EE	Stainless steel	297100
	Z- and Interfold	Art. No.
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

	ZZ-, Z- and Layerfold	Art. No.
HS 3 A	Aluminium	1416424
	Z- and Interfold	Art. No.
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



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



		Art. No.
6 Liter		
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		
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		
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, PP brush body and PBT-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
	Optional	Art. No.
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

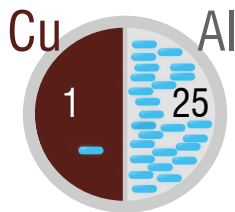


COPPER HYGIENE SOLUTIONS

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 micro-organisms and the re-development of germs on surfaces. Anti-microbial effectiveness of copper has been verified by scientific studies and proven in clinical trials.^{1,2}

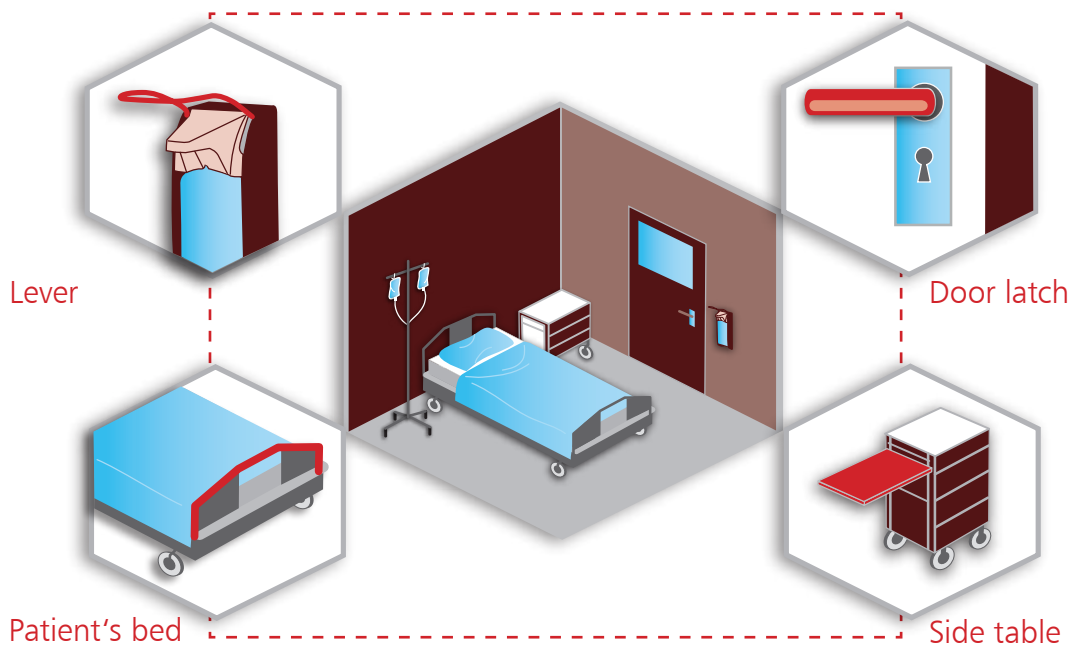
In comparison to most other materials, copper is a superior metal for fighting pathogenic micro-

organisms: In comparison to aluminium, copper-bearing materials were shown to have 25 times less surviving bacteria on observed surfaces (1:25 ratio³)

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.

Frequently touched surfaces in patient rooms



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

²Salgado, 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.

³Airmid 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. 42.

Pump:	DHP disposable hygiene pump, overview on p. 34/35
Bottle:	For 500 ml or 1000 ml Standard Euro bottle
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/DHP Cu	500 ml	4402207
IMP TLS A/DHP Cu	1000 ml	4402208



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
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	For 250 sheets	Art. No.
IMP HS 15 Cu	ZZ-, Z- and Layerfold	2400326
	For 750 sheets	Art. No.
IMP HS 31 Cu	ZZ-, Z- and Layerfold	2400329
IMP HS 31 Cu 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
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	Art. No.
IMP AB 6 Cu	2400309



Looking for more OPHARDT hygiene products with antimicrobial copper? Please contact us: customercare@ophardt.com





THE NEW STANDARD
FOR PUBLIC HYGIENE

PRAESIDIO®





Customised front for Christophorus-Kliniken, Coesfeld

- ▶ 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)

Bottle: 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

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 minimalistic Northern European design, this robust 'Made in Germany' series epitomizes robust, functional design while offering endless colour customization.



RAL powder coating

The entire SanTRAL® range is available with powder-coated housing surfaces in all RAL colours*.

Advantages:

- Powder coatings are free of solvents and emissions
- Excellent protection against mechanical wear

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



Anti-Fingerprint Coating

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

Advantages:

- Reduction of visible fingerprints
- Simplifies cleaning and care – saving time and costs
- Resistant against cleaning agents



Quality

Five-year manufacturer's warranty for SanTRAL® and ingo-man® aluminium and stainless steel products.



Made in Germany

The entire manufacturing process - from bending and welding, through to the final quality check - of the SanTRAL® series, takes place in Germany.

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

sloped lid

to prevent items from being placed on the dispenser

vandalism resistant

robust stainless steel housing, with durable anti-fingerprint coating



economical

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

product always visible

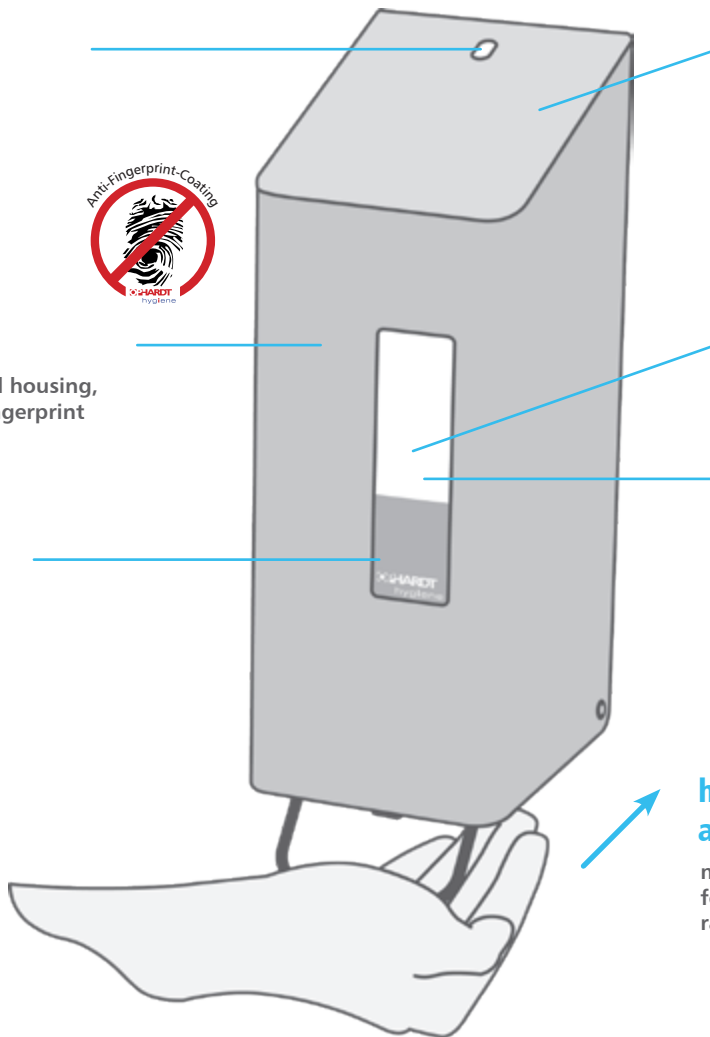
large, replaceable viewing window

modular stocking

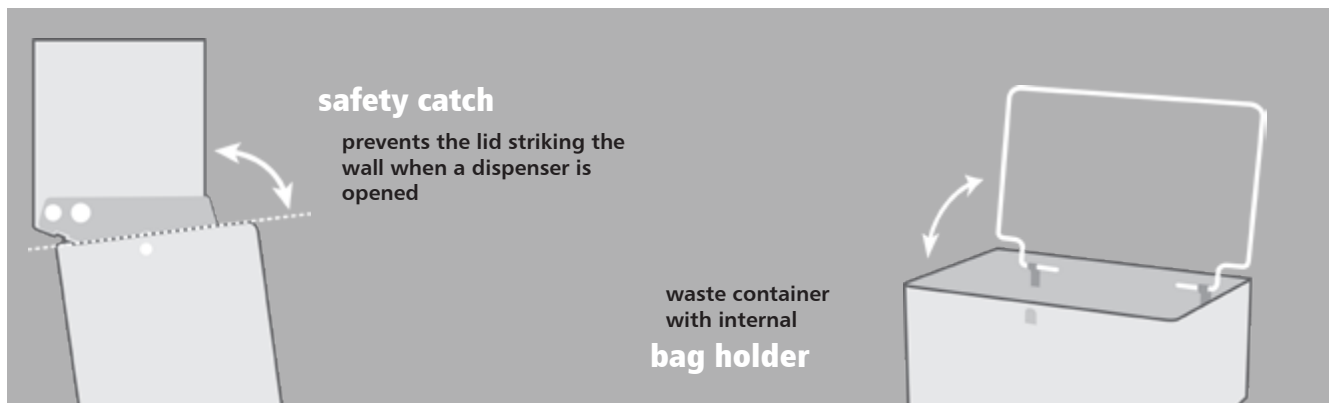
choice of liquid soap, foaming soap or disinfectant - pump/container can be changed retrospectively

hygienic operation and force optimization

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



Watch the video



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.

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 73

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

Dimensions: W 97 x H 225 x D 134 mm



NSU 2 - hidden trick lock

▶ 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 73

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

Dimensions: W 97 x H 286 x D 146 mm



fill from above

▶ 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

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 134 x D 188 mm

**SMALL
MOUNTING
SURFACE**
Ideal for small
washrooms



	Stainless Steel with Anti-Fingerprint Coating	Art. No.
NSU 7 E AFP	for soap	1417160
	Stainless Steel, Powder coated white	Art. No.
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 73

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

Dimensions: W 97 x H 327 x D 148 mm

	Stainless Steel with Anti-Fingerprint Coating	Art. No.
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
	Stainless Steel, Powder coated white	Art. No.
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

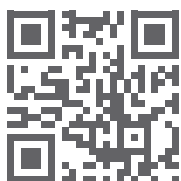
With fill level window, cover with safety catch, bulk fill/refillable, battery-operated, power supply with 4 D-batteries.

Pump: Pump with exchangeable container, for dosage see page 73
 Container: PP-refillable cartridge, removable
 Dimensions: W 97 x H 332 x D 167 mm

	Stainless steel with Anti-Fingerprint Coating	Art. No.
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
	Stainless steel, powder coated white	Art. No.
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



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

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



Euro bottle

OP

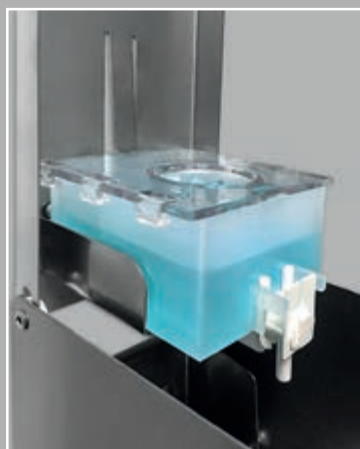
HDPE bottle, suitable for NSU 12, refillable

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

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

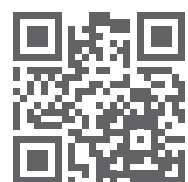


Disposable neck adapter C-28-15 for bottles with 28 mm external thread (other sizes available upon request).
 Left: Before inserting the bottle
 Right: Seal is broken when inserted



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

Video NSU 12



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 225 x D 134 mm
 TSU 5: W 97 x H 286 x D 146 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





IDEAL FOR INDUSTRIAL SETTINGS

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



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



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

UNBEATABLE ADVANTAGES

with
retainer



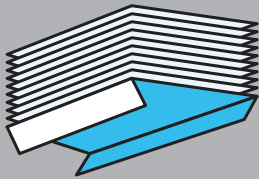
Prevents unintentional damage:
The new safety catch prevents the housing from hitting the wall

with tilt
protection



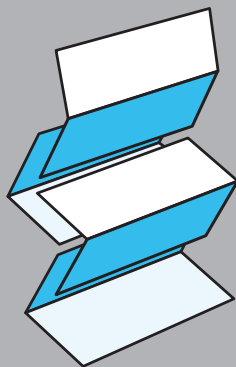
The paper remains in place:
The new tilt safeguard prevents the paper towels from falling out when opened.

THE FOLD TYPES



Layerfold, C-Fold

Outlet type:
Standard (recommended)
Stainless steel



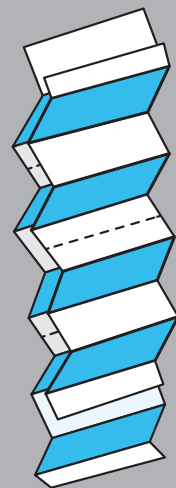
ZZ-Fold, V-Fold, Zig-Zag

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

Dimensions: W 277 x H 200 x D 131 mm



	Stainless steel with Anti-Fingerprint Coating	Art. No.
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
	Stainless steel, Powder coated white	Art. No.
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

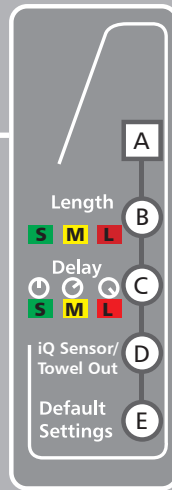
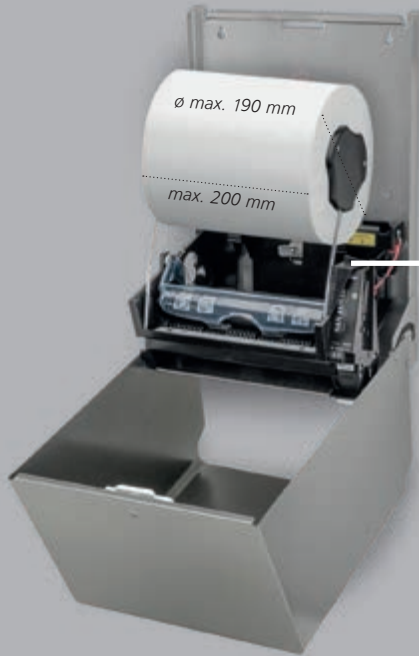
Stack of paper: Layerfold, Z- and ZZ-folding: W 250 x H 280 x D 120 mm
Interfold: W 235 x H 250 x D 115 mmOutlet type: Plastic for standard
Plastic for Interfold
Stainless steel universal for standard and Interfold

Dimensions: W 279 x H 352 x D 131 mm



	Stainless steel with Anti-Fingerprint Coating	Art. No.
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
	Stainless steel, Powder coated white	Art. No.
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

HTU 1 FEATURES



The SanTRAL® HTU 1 dispenses the paper automatically as soon as it detects the user's hand underneath the sensor. Thus, the paper towel stays hygienic and clean.

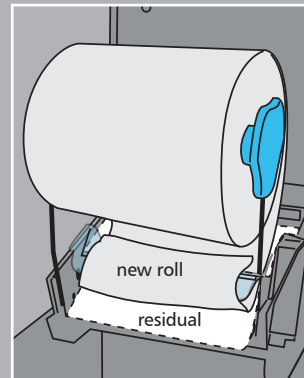
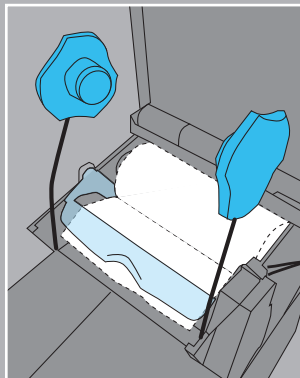
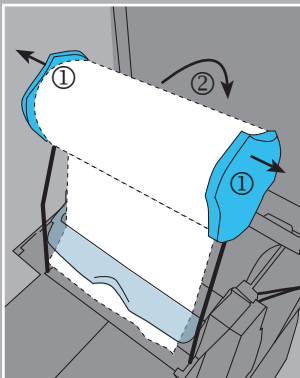
The HTU 1 allows for flexibility with an adjustable paper length option and offers delay time in three stages via an integrated control panel. The operating mode can also be conveniently configured between a sensor-controlled and a pressure-controlled paper feed.

- A: LED Status indicator
- B: Adjustment paper length
- C: Adjustment delay
- D: Mode of operation
- E: Default settings

HAU 1 & HTU 1 THE SIMILARITIES

Eliminate unnecessary waste with the residual roll function: As soon as the paper roll falls below a diameter of 8cm, it can be moved within the dispenser, but remains connected to the drive mechanism.

The newly inserted roll is automatically fed through the dispenser and aligned for use after the original roll has been completely used.



Automatic paper towel dispenser, for paper rolls

HAU 1

Housing made of stainless steel, lockable, with fill level window.

The residual roll function automatically loads the next roll and helps to eliminate unnecessary waste.

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 279 x H 407 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.

The residual roll function automatically loads the next roll and helps to eliminate unnecessary waste.

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 279 x H 407 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



SanTRAL®

The Midnight Series

Elegantly showcase your washroom:

The SanTRAL® dispenser series has a modern, stylish design that is sure to impress.

Our SanTRAL® line can help you provide the ultimate washroom experience in any washroom environment.

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 279 x H 373 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 73

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 378 x H 377 x D 163 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 372 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 372 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 grey, 4 x 50 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 277 x H 421 x D 125 mm

HBU 18: W 275 x H 501 x D 179 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



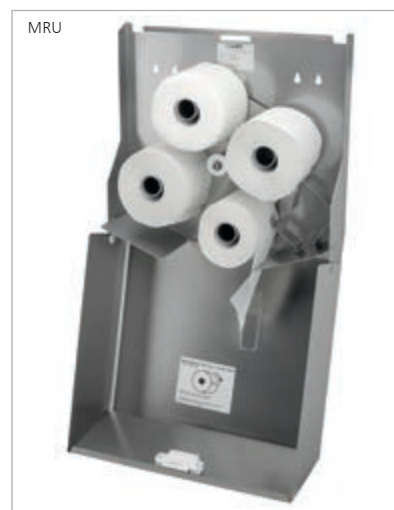
Toilet paper dispenser for 4 standard toilet paper rolls

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 E 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 131 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 106 x H 377 x D 109 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

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

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	Stainless steel	1411590
UHU P	Stainless steel, Powder coated white	1411591



Clean on the road: dispenser systems for effective hand hygiene in the transport sector

Whether you need a small volume, compact dispenser for confined spaces in coaches, or hygiene systems with large volumes for heavily frequented washrooms in long-distance rail traffic, we offer you flexibility in design and size. For aesthetically demanding areas, our anti-fingerprint coating enhances every washroom experience. To meet the highest safety requirements, our product containers and dosing pumps are available in fire-retardant versions in accordance with DIN 5510/2 and DIN 45545. Travel safe with our dispensers designed for hand hygiene on the go.



Universal dispenser with stainless steel lid, 600 ml

NSU 5 FR

Container with soap-, foam- or spray pumps available, stainless steel lid without window, Anti-Fingerprint coating, stainless steel lever, 600 ml (250 ml and 1200 ml versions available)

Pump: Pump with exchangeable container, fire retardant, see page 73
 Container: PP-refillable cartridge, removable, fire retardant
 Dimensions: W 97 x H 287 x D 145 mm

	Art. No.
NSU 5 E E/D FR AFP Stainless steel, without window, fire retardant	1420550



Built-in cabinet dispenser, 1200 ml

Train Dispenser FR

Container with soap-, foam- or spray pumps available, stainless steel, stainless steel lever, 1200 ml

Pump: Pump with exchangeable container, fire retardant, see page 73
 Container: PP-refillable cartridge, removable, fire retardant
 Dimensions: W 108 x H 295 x D 151 mm

	Art. No.
Train Dispenser 2 FR Stainless steel mount	3400716



Built-in cabinet soap dispenser with lid, 1200 ml

Train Dispenser FR

Container with soap pump, Flame protection due to closed stainless steel lid without window, stainless steel lever.

Pump: Soap pump with exchangeable container, see page 73
 Container: PP-refillable cartridge, removable,
 Dimensions: W 108 x H 311 x D 139 mm

		Art. No.
Train dispenser 2 S2 S FR	Built-in cabinet soap dispenser	3400895



Dispenser for toilet seat disinfection, 250 ml

NSU 2 FR

Spray pump for surface disinfectants without alcohol, stainless steel lid without window, Anti-Fingerprint coating, stainless steel lever, railway standard lock (RIC), 250 ml

Pump: Pump with exchangeable container, fire retardant, see page 73
 Container: PP-refillable cartridge, removable, fire retardant
 Dimensions: W 97 x H 220 x D 138 mm

	Art. No.
NSU 2 E/D FR AFP Stainless steel with lock	1420835



Dispenser for toilet seat disinfection and fragrance, 250 ml

TDU 2 AFP FR

For public transport, spray pump for surface disinfectants without alcohol, stainless steel lid without window, Anti-Fingerprint coating, stainless steel lever, railway standard lock (RIC), stainless steel fragrance dispenser, to be filled from underneath, 250 ml

Pump: Pump with exchangeable container, fire retardant, see page 73
 Container: PP-refillable cartridge, removable, fire retardant
 Canned Fragrance: not included, H 36 x Ø 75,5 mm (w/o thread) bzw. 77,5 mm (threaded)
 Dimensions: W 99 x H 250 x D 179 mm

	Art. No.
TDU 2 AFP FR Dispenser for toilet seat disinfection and fragrance	1422663



References



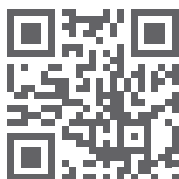


Multifunctional touchless faucet systems
Water, soap and disinfectant in one unit
the UNTOUCHABLE™

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

Video:
the untouchable



	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™

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

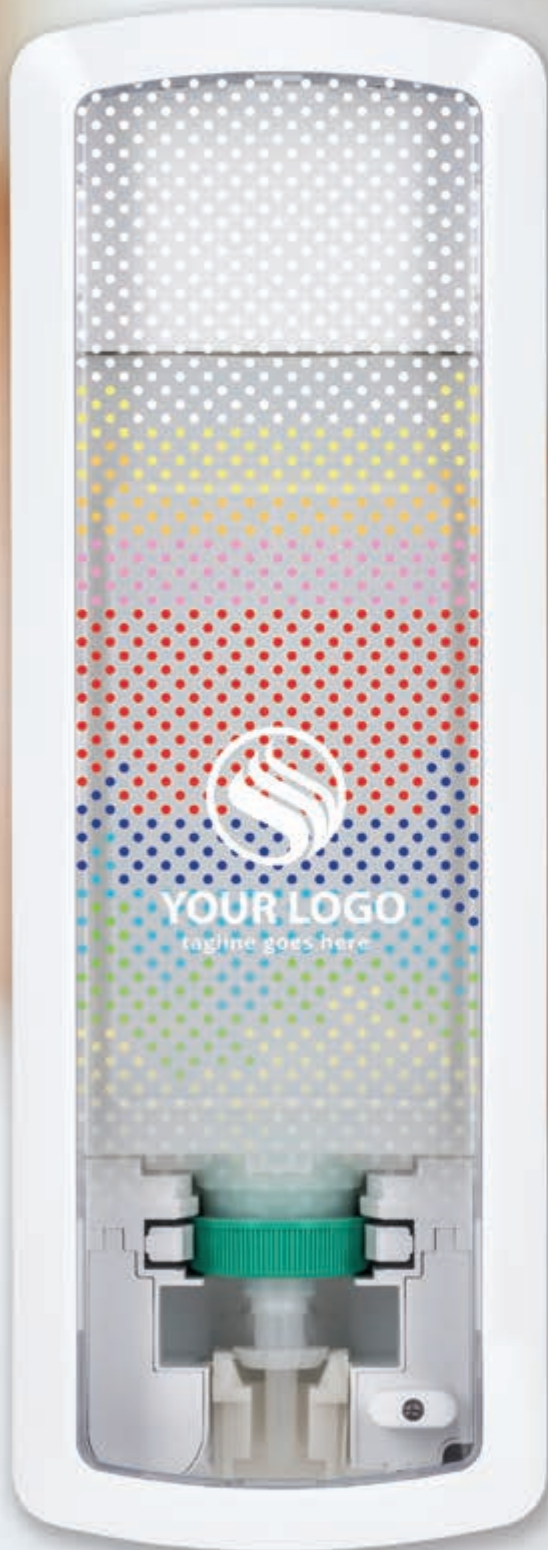


GERMAN
DESIGN
AWARD
SPECIAL
2019



KX Design Series

A Dispenser as Unique as Your Brand



Introducing the compact, customizable dispenser series that has it all. Whether liquid, foam or spray, the KX Series provides industry-leading solutions for your product.

This next generation dispenser system draws on all OPHARDT hygiene 38 mm pump technologies, includes filling-line friendly bottle design, and efficient touchless and manual technologies.

CUSTOMIZATION

Maintain your brand consistency through full colour HD printing and colour bezels

FRONT

- Large area that can be 100% customized
- Your own logo, branding and graphics
- Include any size window to view product level or bottle label

BEZEL FRAME

- Standard and custom colours available
- Colour matching available (Pantone / RAL)

BODY COLOUR

- Standard white and black body colours
- Custom colours available on large orders
- Colour matching available (Pantone / RAL)



KX MANUAL

Ergonomic and Easy to Use



KX 1250ml / 1000ml



KX 750ml / 500ml

BENEFITS

- ADA Compliant:
 - Low-resistance presser
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking or non-locking cover
- Compatible with any 38mm OPHARDT family line of pumps
- Low force dispensing
- High-grade ABS plastic

KX TOUCH FREE

Reliable Automatic Sensing



KX 1250ml / 1000ml
4x D Batteries



KX 750ml / 500ml
4x C Batteries

BENEFITS

- ADA Compliant:
 - Touchless dispensing
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking or non-locking cover
- For use with any 38mm OPHARDT family line of pumps
- LED indicator light, signals operation and low battery
- Efficient energy consumption: 60,000 - 80,000 activations *
- Ultra quiet touchless technology
- High-grade ABS plastic

* Dependent on viscosity and battery type

KX METAL MANUAL OR TOUCH FREE

Robust and Hygienic



KX Metal, Touch Free or Manual, 1250ml / 1000ml

BENEFITS

- Anti-fingerprint coating
- Hygienic welds
- High grade stainless steel
- Vandalism proof design
- ADA Compliant:
 - Touchless dispensing
 - Low-resistance presser
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking cover
- For use with any 38mm OPHARDT family line of pumps
- Low force dispensing
- Efficient energy consumption: 60,000 - 80,000 activations *

* Dependent on viscosity and battery type

ACCESSORIES



SMART WiFi Connectivity



1-2-3 Dosing Switch



Wall Cover Plate



Plastic Drip Tray



Metal Drip Tray



Display Stand



X Stand

TOUCH FREE SANITIZING STATION

Bringing Hand Hygiene to Where it Matters Most



X STAND

Touch Free Sanitizing Station

NEW

Available Q1 2019

For convenience.

Making hand sanitizer mobile.

Suitable for high-traffic public areas.

Lobbies, reception areas, grocery stores – this sturdy stand is right at home.

Attractive presence.

Minimalist design in two colours: off white and black. Custom colours available.

Adjustable height.

140cm to 150cm tall, with a 61cm square base.

Compact delivery.

Package 17cm height, 60cm length, 43cm width, 9.9kg weight.

Compatible with OPHARDT dispensers.

Screw on wall plates. Touch free dispensers sold separately.



Neptune™ Series

Elegance Meets Flexibility



This elegantly styled dispenser series offers a wide range of dispensing options and an unmatched selection of pumps. The Neptune Series gives you the freedom to choose colours and graphics, so that you'll never need to compromise.

CUSTOMIZATION

Flexible & Dependable

FEATURES

- Wide range of sizes
- High-end photo quality label options
- ADA compliant
- Hygienic disposable pump and cartridge system
- Includes a wall mounting plate with tab feature for easy dispenser removal:
 - for cleaning
 - for simplified upgrading with the Neptune Family (e.g. from manual to touchless)
- Pump engagement accepts choice of foam, alcohol, lotion, grit/heavy duty soap, or spray
- Secure trick lock



CUSTOM COLOURS

- Standard white and black body colours
- Custom colours available on large orders
- Colour matching available (Pantone / RAL)



NEPTUNE™ MANUAL

Ergonomic and Easy to Use



NEPTUNE
2000ml / 1500ml



NEPTUNE 1000ml

BENEFITS

- ADA Compliant:
 - Low-resistance presser
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking or non-locking cover
- For use with any 38mm OPHARDT family line of pumps
- Back plate for easy mounting

NEPTUNE™ TOUCH FREE

Reliable Automatic Sensing



NEPTUNE 1500ml
4x D Batteries



NEPTUNE 1000ml
4x C Batteries

BENEFITS

- ADA Compliant:
 - Touchless dispensing
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking or non-locking cover
- For use with any 38mm OPHARDT family line of pumps
- LED indicator light, signals operation and low battery
- Efficient energy consumption: 60,000 - 80,000 activations *
- Back plate for easy mounting

* Dependent on viscosity and battery type

NEPTUNE™ METAL, MANUAL OR TOUCH FREE

Robust and Hygienic



NMU, manual, 2000ml or 1000ml



NTU Touch Free, 2000ml or 1000ml

BENEFITS

- Anti-fingerprint coating
- Hygienic welds
- High grade stainless steel
- Vandalism proof design
- ADA Compliant:
 - Touchless dispensing
 - Low-resistance presser
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy bottle loading
- Locking cover
- For use with any 38mm OPHARDT family line of pumps
- Low force dispensing
- Efficient energy consumption: 60,000 - 80,000 activations *

* Dependent on viscosity and battery type

ACCESSORIES



1-2-3 Dosing Switch



Counter



Plastic Drip Tray



Metal Drip Tray



Display Stand



X Stand

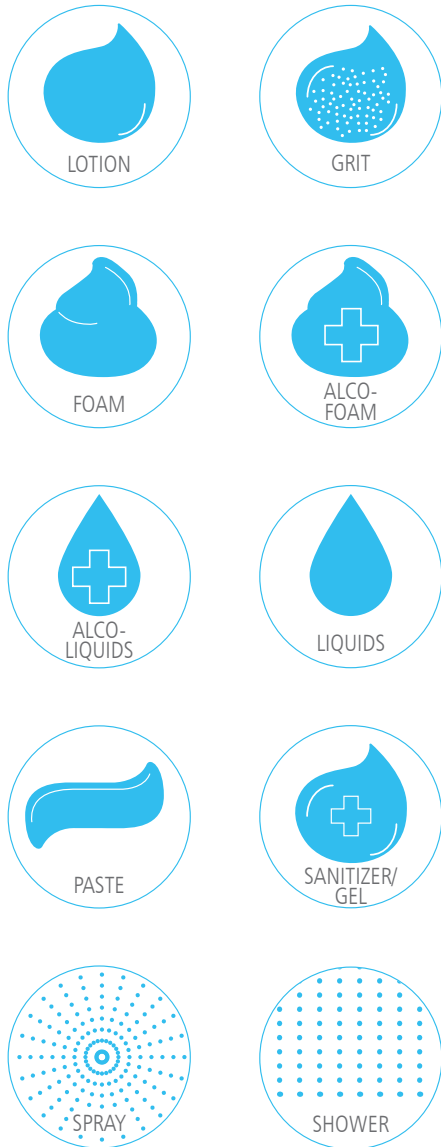
The Dispensing Experts™

Innovators in Dosing and Dispensing



PUMPS

Clean tip technology - No drips or leaks.
 Accurate dosing from start to finish.
 Recyclable materials.
 The OPHARDT 38mm pump family.



Clean Tip™
 Technology

INNOVATORS IN DOSING AND DISPENSING

Our innovative dispensing solutions are designed to deliver consistent, accurate doses of any product.

Whether hand hygiene, liquid food, or cosmetics - our expansive IP portfolio in dispensing offers unparalleled competitive advantages and performance. With more than 100 standard pumps we have a solution for every dispensing problem.



WE ARE THE DISPENSING EXPERTS™

Our Dispensing Technologies






Clean Tip™
Technology

AVAILABLE FEATURES

- Clean Tip Pumps: No drips or leaks
- Chamber Clearing Pumps:
Self cleaning pumps
- Engagement Patents:
Protects your products
- Accurate dosing, start to finish
- Autoclavable, machine washable pumps
- Reuse resistant hygiene pumps
- Recyclable Pumps
- World class Alco-foam
- High efficiency: ADA compliant, Long battery life
- Stainless steel or plastic-based
- Upward, downward, sideways dispensing
- Refillable, Euro bottle, or cartridge dispensing
- High or low-viscosity liquid, foam, spray, shower pumps
- More than 100 standard pumps, endless solutions

WE'VE GOT YOU COVERED

Our Recommended Solutions

	DOSAGE	FOR RIGID OR COLLAPSIBLE BOTTLES	DISPENSER
 <p>LOTION/LIQUIDS Suitable for liquid soaps, alco-gel, shampoo, sanitizers.</p>	1ml	Collapsible / Non-venting	Neptune, KX, UX
	1ml	Rigid / Venting	Neptune, KX, UX
	1.5ml	Collapsible / Non-venting	Neptune, KX, UX
	2.0ml	Collapsible / Non-venting	Neptune, KX, UX
 <p>FOAM Suitable for foaming soaps and sanitizers.</p>	0.4ml	Collapsible / Non-venting	Neptune, KX
	0.8ml	Collapsible / Non-venting	Neptune, KX
	0.4ml	Rigid / Venting	Neptune, KX
	0.8ml	Rigid / Venting	Neptune, KX
	1.0ml	Rigid / Venting	Neptune, KX
 <p>ALCO-FOAM Suitable for foaming sanitizers with alcohol.</p>	0.4ml	Collapsible / Non-venting	Neptune, KX
	0.8ml	Collapsible / Non-venting	Neptune, KX
	0.4ml	Rigid / Venting	Neptune, KX
	0.8ml	Rigid / Venting	Neptune, KX
 <p>HEAVY DUTY/CREAM Suitable for products with grit, paste and cream.</p>	2ml	Collapsible / Non-venting	Neptune, KX, UX
	2ml	Rigid / Venting	Neptune, KX, UX
	0.25ml	Collapsible / Non-venting	Neptune, KX, UX
 <p>SPRAY/SHOWER Suitable for spraying products, different spray patterns available.</p>	1ml	Rigid / Venting	Neptune, KX, UX
	0.25ml	Rigid / Venting	Neptune, KX, UX
	1.5ml	Collapsible / Non-venting	Neptune, KX, UX



With more than 100 standard pumps backed by in-house design, engineering and manufacturing, we have a solution or can design one for every dispensing need. Contact our expert sales team at solutions@ophardt.com

OUR DISPENSING TECHNOLOGIES

At OPHARDT hygiene, we specialize in finding creative dispensing solutions for our partners



KX Series



Neptune



UX Series



Your Own
Custom Solution

BTF Foam Pump Series

The New Benchmark for Bottle Top Foam



NEW

Order your sample now!

Superior foam quality even with high alcohol concentration formulas.

High performance foam cartridge design.

Optimized spout orientation

Robust tactile lock outlet retention.

Richer, thicker foam.

27% higher air to soap ratio than competitors.

Dosage consistency from start to finish.

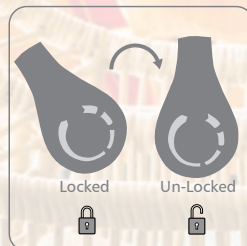
Pump never loses prime.

Preloaded check valve design, 1.0ml and 1.2ml dosages.

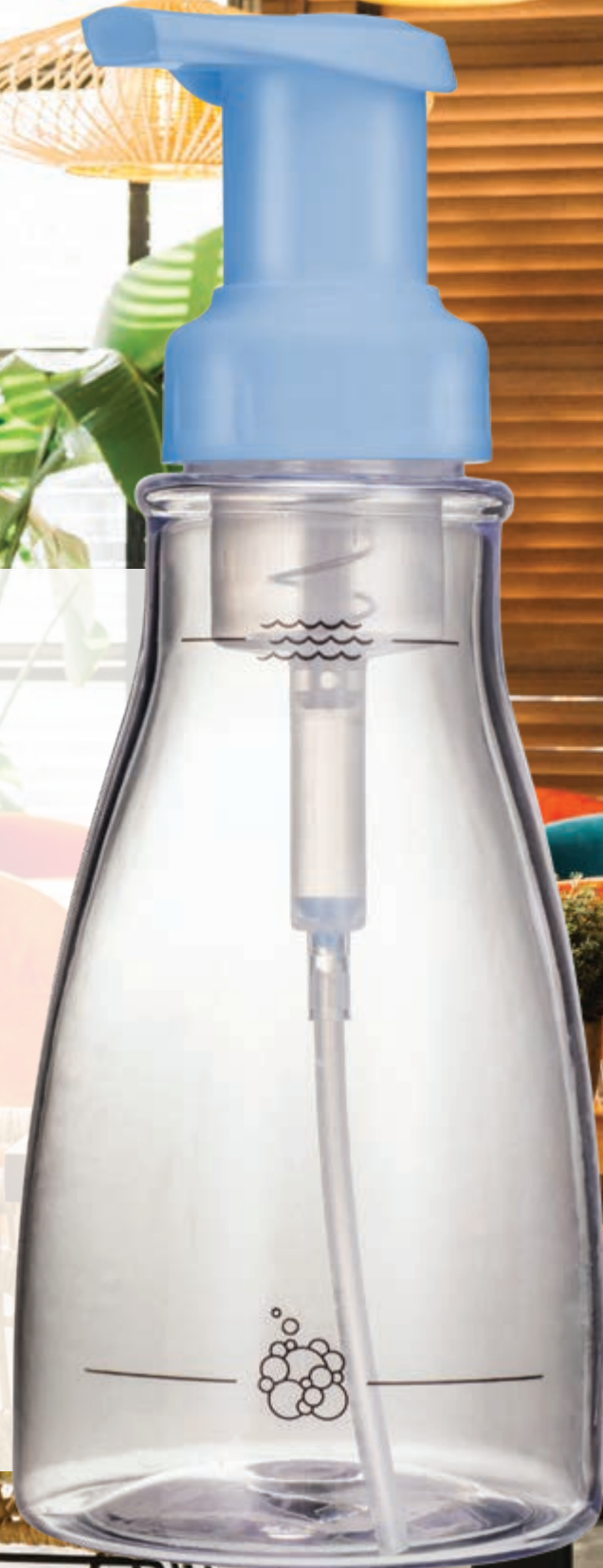
No clogging, no dripping.

Suck back function on return stroke.

Clean Tip™
Technology



OPHARDT would be glad to design a **custom solution** to your fitment, dosage, product, branding or application.



Standing Guard

The New Standard for Public Hygiene

PHARDT
hygiene



NEW

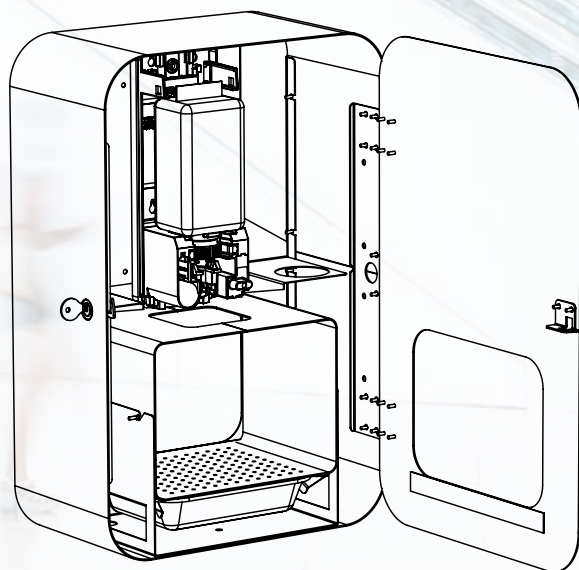
Available Q2 2019

The PRAESIDIO® X's attractive design makes it the ideal candidate for hygiene in public areas. Designed for use with cartridge dispensing systems such as the KX, Neptune or your own. This system will allow you to use the same refills you already know and love.

PRAESIDIO® X

For Cartridge Solutions

- ▶ High-end intuitive design
- ▶ Designed for public areas
- ▶ High-quality stainless steel housing
- ▶ Hygienic dispensing chamber
- ▶ Integrated drip tray
- ▶ Secure, locking door
- ▶ Customizable graphics
- ▶ Quick bottle exchange
- ▶ Extensive battery life
- ▶ Anti-fingerprint coating
- ▶ Sturdy tip-resistant design
- ▶ Multiple bottle storage*



Compatible



Holds two extra bottles inside

*Dependant on bottle design



PRAESIDIO with optional stand

OPHARDT as your OEM Partner

Innovators in Dosing and Dispensing



CUSTOM SOLUTIONS

STRONG R&D, IP AND PRODUCT FOCUS

- More than 400 patents in dispensing
- A market leader with more than 50 years of experience
- Strong product portfolio with proven track record
- History of partnership and collaboration with market leaders
- Trendsetter and pioneer that can grow your business
- Deep knowledge base in material compatibility and regulations
- Maximized product performance through technology



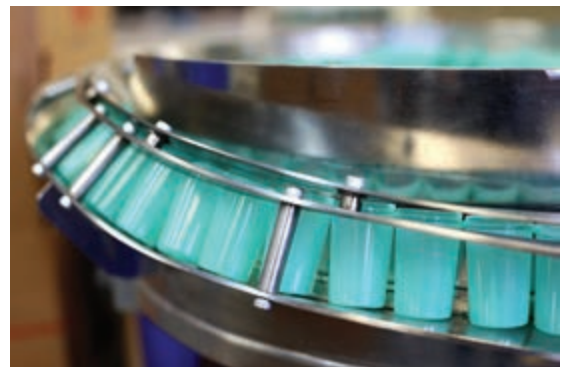
ADVANCED MANUFACTURING, GLOBAL SUPPLY

- Global supply chain with significant production in North America, Europe and Asia
- 6 manufacturing locations, with more than 500 employees
- 75% of manufacturing in Europe and North America via state-of-the-art automation
- In-house engineering, manufacturing and automation
- Cost effective solutions for low and high volume automation
- All sites ISO 9001 certified; ISO 14001 certification
- Strong knowledge base in dispensing, metal processing, injection molding, electronics, and automation



MARKET KNOWLEDGE

- Know and set trends in dispensing
- Understand needs in global markets
- Knowledge of end user expectations and behaviours
- Strongly invested in future technologies



REGULATORY ENVIRONMENT

- Experience working with clean environment production
- Track record of working with customers in sensitive sectors
- Products manufactured world's major markets

RETURN ON INVESTMENT

- Improve your product's features with our IP
- Protect your product with lockout features
- Improve ROI speeds with low-volume and high-volume automation
- Strengthen branding with signature product



DISPENSERS DESIGNED FOR YOU

The New Face of Your Brand



In-house design and engineering ensures we have full control and accountability for your bespoke solutions. Our strong IP portfolio in dosing, dispensing, and touchless solutions provide you with a competitive advantage and significant return on investment.

Fast Conversion

With the help of our high-speed 3D printers and state-of-the-art metal processing facilities, CAD conversion has never been simpler or faster.

Unrivalled Quality

Before the first batch is shipped, we replicate the most extreme conditions our products will face, conducting assessments on product performance, stress, shipping, compatibility, life-cycle and heat exposure.

Advanced Automation

Whether you need thousands or millions - low or high volume automation - of a custom product, we have production solutions tailored to maximize your ROI.

Considering an OPHARDT hygiene dispenser?
Contact our expert sales team at
solutions@ophardt.com

We're Here to Help

Our customer care team, sales professionals, and engineering team maintain close contact to ensure our dispenser's performance meets your changing expectations in the field.

Creating the New Face of Your Brand

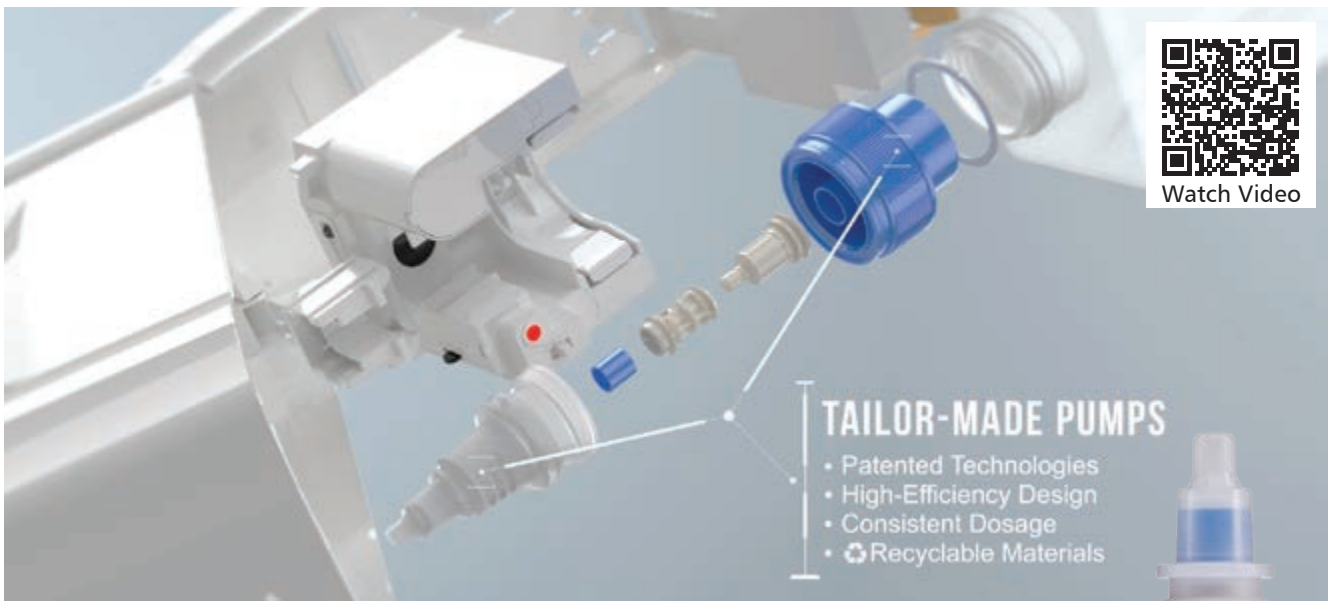
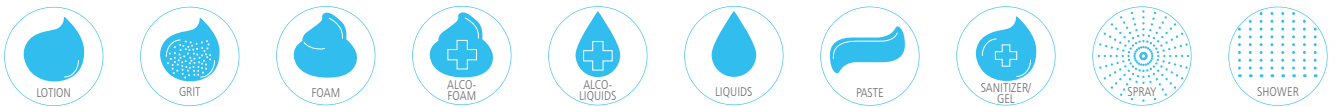
With a custom dispenser, we take all of our technology and experience and bundle it in a design that seamlessly integrates with your brand.



HIGH PERFORMANCE CUSTOM PUMPS

Our Dosing Technologies

Our innovative dispensing solutions are designed to deliver consistent, accurate doses no matter the application. Whether hand hygiene, liquid food, or cosmetics - our expansive IP portfolio in dispensing offers unparalleled competitive advantages and performance. Our strong IP portfolio, in-house design and engineering, and expertise in injection molding make us an ideal partner to create your custom dispensing solution.



AVAILABLE FEATURES

- Clean Tip Pumps: No drips or leaks
- Chamber Clearing Pumps: Self cleaning pumps
- Engagement Patents: Protects your products
- Accurate dosing, start to finish
- Autoclavable, machine washable pumps
- Reuse resistant hygiene pumps
- Recyclable Pumps
- Best in class Alco-foam
- High efficiency: ADA compliant, Long battery life
- Stainless steel or plastic-based pumps
- Upward, downward, sideways dispensing
- Refillable, Euro bottle, or cartridge dispensing
- High or low-viscosity liquid, foam, spray, shower pumps
- More than 100 standard pumps, endless solutions

Considering OPHARDT hygiene pumps in your dispenser? Contact our expert sales team at solutions@ophardt.com

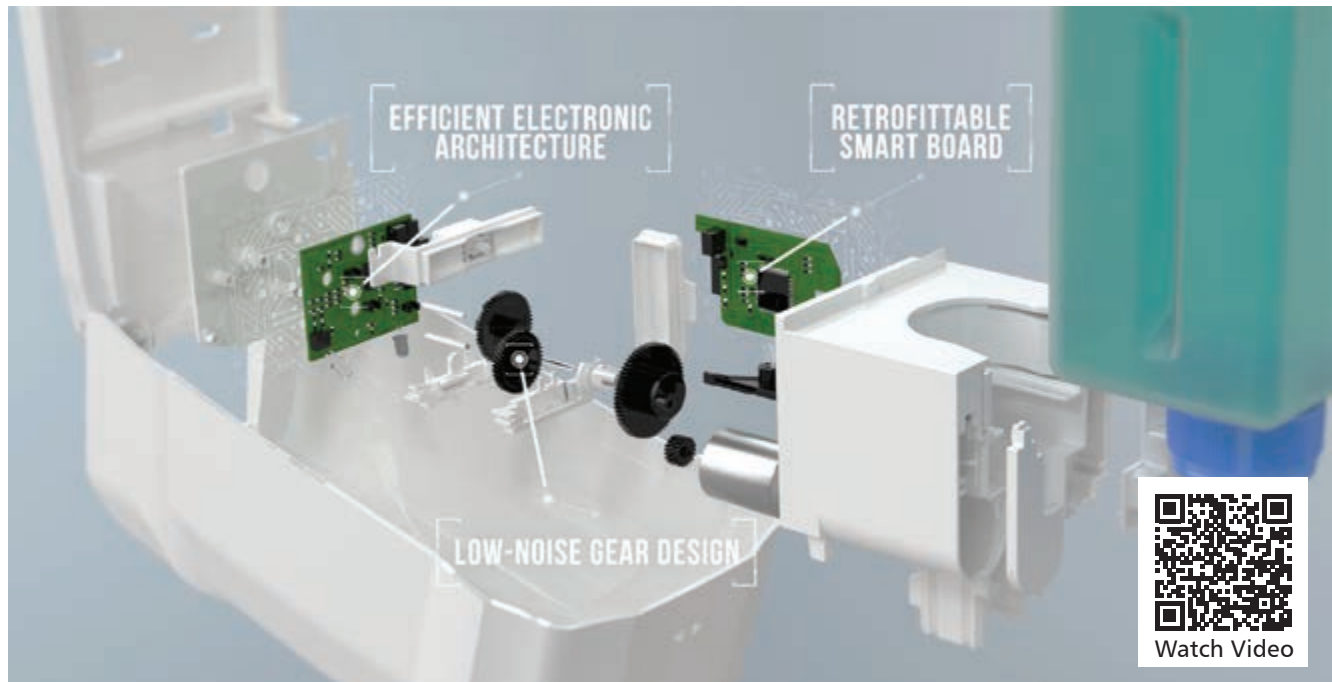


TAILOR-MADE TOUCHLESS

Quietly Improving Hygiene

Since beginning our touchless journey more than a decade ago, OPHARDT hygiene has brought more than a million touchless devices into the market.

Our success has been built on efficient drive technologies, complimented by a suite of pump and dispenser technologies and solutions. Our ultra-quiet, efficient touchless drives can be integrated into your system so you can benefit from an OPHARDT hygiene platform.



BENEFITS OF TOUCHLESS

- More hygienic, elimination of cross contamination
- Increased compliance through technology effect
- Disability friendly / ADA compliant
- Increased customer satisfaction

TOUCHLESS WITH OPHARDT

- Reliable, proven products
- Efficient pump and drive technologies
- Ultra-quiet
- Patented engagement technology
- Patented sensing adjustment
- A variety of sensing technology available
- Drives compatible with your custom pumps or OPHARDT family of pumps

Considering OPHARDT touchless technology in your dispenser? Contact our expert sales team at solutions@ophardt.com

BESPOKE IOT SOLUTIONS

Measurably Improving Hand Hygiene

OPHARDT hygiene offers complete electronic dispenser and washroom monitoring solutions that include hardware, database and front-end software that will deliver reliable data to help streamline processes and improve efficiency.

The Internet of Things may have no better place than in hand hygiene. At OPHARDT hygiene we are fully committed to offering innovative, connected solutions that improve hand hygiene by offering reliable data and practical functions.



For healthcare institutions, the OPHARDT Hygiene Monitoring System®, is a powerful tool for increasing hand hygiene compliance, reducing hospital-acquired infections, and saving costs. In public spaces, our smart dispenser innovations can provide critical data on fill levels, battery life, and usage data that optimizes ordering and cleaning procedures.

Hardware:

We manufacture and design dispensers and washroom solutions with IOT capabilities built in.

Database:

Our solutions use a state-of-the-art, versatile and secure database – located in Germany – that can process data for billions of devices.

Front-End Software:

We bundle our products with an intuitive front-end environment to help users track and analyze their data. This includes two standard front-end solutions to choose from: electronic hand hygiene monitoring for healthcare (OHMS), or washroom monitoring for accessing usage data and refill tracking.

SINGLE SITE

	Bottle Level	Battery Level	Activations Last 24h
Washroom	50%	78%	589
Kitchen	5%	15%	989
Lobby	75%	80%	278
Hallway	68%	33%	436

MULTI SITE

Considering OPHARDT IOT technology in your dispenser? Contact our expert sales team at solutions@ophardt.com

General Terms and Conditions (GTC)

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

For all deliveries and performances, including future transactions, the following GTC apply exclusively. Deviating agreements require our confirmation. At the latest with the receipt of our goods and/or services, these GTC are considered accepted.

Our GTC 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 only concluded with our acceptance of orders submitted to us, when we have confirmed declarations of acceptance or when the delivery items ordered by the purchaser have been delivered. This applies accordingly for additions and amendments to contracts. The contracting parties will confirm oral agreements immediately in writing.

All specifications, such as dimensions, weights, figures, descriptions, assembly drawings and diagrams in offers, brochures, price lists and other printed material are only approximate, determined as accurate as possible, however they are non-binding for us in this respect. Models and drawings remain our property.

2. Dates and deadlines

Specified periods 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 measures, traffic jams or other force majeure, whether they occur to us or to our suppliers, release us from our duty of delivery and/or performance for the duration of their effects or release us entirely if they lead to the impossibility of the performance. Any agreed contractual penalty shall not be deemed as forfeited under these circumstances.

If the delivery of a delivery item which is ready for dispatch is delayed at the request of the purchaser or for reasons for which the purchaser is responsible, we are entitled to charge the purchaser a storage fee amounting to 0.5% of the invoice amount of the respective delivery item for each commenced month. The purchaser is entitled to provide evidence that no expenses have been incurred at all or that they were significantly lower than the flat charge. Further rights remain unaffected thereof.

3. Shipment and transfer of risk / insurance

The risk of accidental loss and accidental deterioration of the goods passes to the buyer upon delivery, in case of a sales shipment upon the transfer to the carrier, haulier or the person or agency responsible for the performance of the shipment.

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

Insurance is only arranged at the request of the purchaser and at the purchaser's expense.

4. Payment

Unless otherwise agreed, our invoices are due immediately and payable within 14 days of the date of invoice.

Unless otherwise agreed, a cash discount of 2% is only possible in the case of advance payments, or in the case of an unhampered receipt of payment by direct debit authorisation granted to us, subject to fulfilment of the following conditions.

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

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

We only accept bills of exchange upon prior express agreement and on the condition that they are discountable.

A Credit for cheques and bills of exchanges is only issued after redemption; assignments of claims are only credited after payment. The claim and its maturity remain unaffected until then.

We assume no liability for timely redemption and protesting.

Bills of exchange, rebates, protests and collection are borne by 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 our services until the purchaser provides the consideration and has paid our claims due for payment - including those from earlier transactions in the ongoing business relationship - or has provided corresponding securities. If multiple claims against the purchaser exist, incoming payments are credited against the oldest claim.

5. Offsetting and right of retention

The purchaser is only entitled to offset and/or retention if the counterclaim is based on the same contractual relationship or the counterclaim is undisputed, acknowledged by us or has been finally and non-appealable established.

6. Liability for defects

Unless otherwise stated below, we shall be liable for material defects and legal deficiencies (including incorrect and short delivery) in accordance with the statutory provisions. The regulations for supplier recourse 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 of the goods or completion of performance, insofar as they can be verified through reasonable investigation.

For defects of goods and/or services, we provide supplementary performance by repair or replacement, at our discretion.

In the case of the failure, which means the impossibility, the unacceptability, refusal or inappropriate delay in rectification or replacement, the purchaser can – in case of a significant defect - withdraw from the contract or reasonably reduce the purchase price.

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

Claims for defects become statute-barred one year after the delivery of the goods or completion of performance, insofar as we have not assumed liability in the scope of a manufacturer's guarantee for a longer period of time. This does not apply to items which have been used for a building 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 injury to life, limb and health. Any existing claims that might exist against third parties in case of liability for material defects shall be assigned to the purchaser.

It is agreed that basically only our product description according to our offer applies as the condition of the goods. 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 intent or gross negligence on the part of our corporate bodies, representatives or vicarious agents. If the cause of a damage is based on minor negligence, we are only liable insofar as essential contractual duties have been violated. Essential contractual duties are to be understood as duties whose fulfilment are necessary for the proper execution of the contract in the first place and on the compliance of which the contractual partner may regularly rely.

If we are liable in accordance with the preceding clause for minor negligence, the liability is limited to the foreseeable contract-typical damages.

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 him. 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 life, body or health or in cases of mandatory liability on the basis of the provisions of the German Product Liability Act (Produkthaftungsgesetz). 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 are made exclusively under retention of title. The property is only transferred to the purchaser once he has fulfilled his obligations to us.

In the case of an account current, the goods subject to retention of ownership also serve as security for our balance claim. Any processing, reworking, installation or other use of the goods delivered by us which are still our property is carried out by the purchaser 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 to the value of the new item or the mixed assets. The purchaser stores the goods whose sole or co-ownership we are entitled to for us. 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 purchaser to a prohibition of assignment. The purchaser is also obligated to enjoin our retention of title on their purchaser.

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

Until the full repayment of all of our bills payable, the purchaser assigns to us all claims, along with all ancillary rights and securities, as well as any claims against his insurer, which he has accrued from his purchasers 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%. 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 corresponding securities of our choice at the purchaser's request.

At our request the purchaser is obligated to inform his purchaser of the assignment and to provide us with the information necessary for the assertion of our rights towards the purchaser and to hand over the documentation necessary. We are entitled to inform the purchaser's purchaser 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 he fulfils his contractual duty of payment to us. 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.

9. Place of performance and jurisdiction

The place of performance for all obligations arising from the 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.

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www.ophardt.com



<http://news.ophardt.com/>

OPHARDT hygiene on Social Media



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

BREAKING THE CHAIN OF INFECTION



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