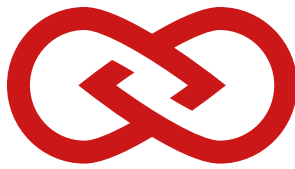




BREAK THE CHAIN OF INFECTION



COMPLETE CATALOGUE



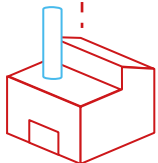
BREAK THE CHAIN OF INFECTION

► Countless lives can be saved each year through improved hygiene. That's why OPHARDT Hygiene is focused on providing hardware and software solutions that help you protect yourself and those around you from the spread of dangerous infections.



Family owned and operated since 1962

► In 1967, Hermann Ophardt - a persistent innovator and perfectionist - prototyped Europe's most iconic healthcare dispenser in his garage workshop in Issum, Germany. Because the ingo-man® was the first dispenser capable of reliably dispensing alcohol-based hand rubs, word spread quickly in the market, anchoring our identity as an innovator in the hygiene market.

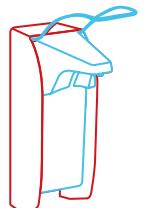


Group of middle-sized companies



7 worldwide production locations
(CAN, IRL, BEL, GER, SUI, PHI, ARM)

Today, the proudly family-owned company, creates millions of life-saving hygiene products in more than 7 countries around the world. Working tirelessly to create the next generation of hygiene products, we won't stop until we achieve our vision of creating universal access to life-saving hygiene hardware and software solutions.



More than 1,000 standard products and 400 patents

www.ophardt.com

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OIS

OPHARDT INTELLIGENT SOLUTIONS



HYGIENE MADE DIGITAL

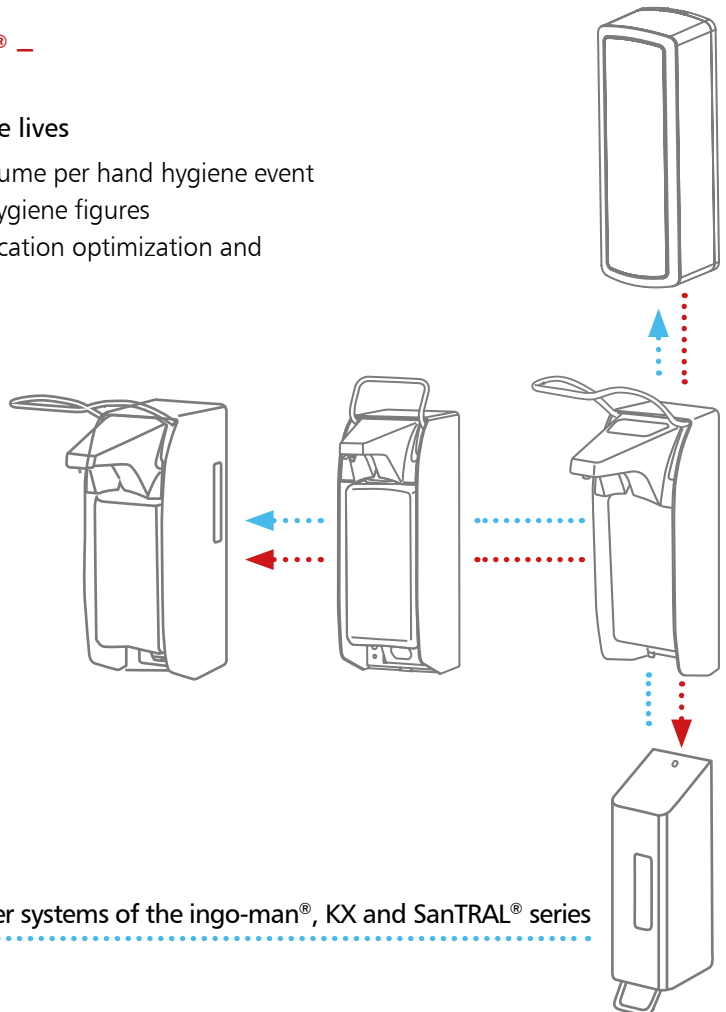


For all dispenser systems of the ingo-man®, KX and SanTRAL® series

OPHARDT Hygiene Monitoring System® – optimized for the healthcare sector

Measure hand hygiene, improve compliance, save lives

- Dispensers record location, time and dispensed volume per hand hygiene event
- Integrated software enables analysis of key hand hygiene figures
- Improve hand hygiene behaviour using training, location optimization and prompt feedback

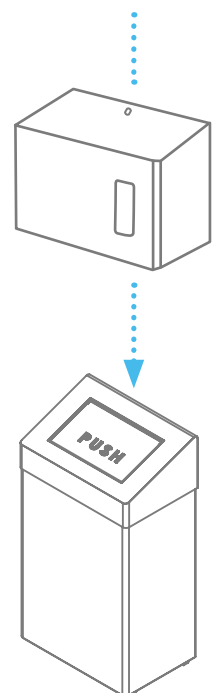
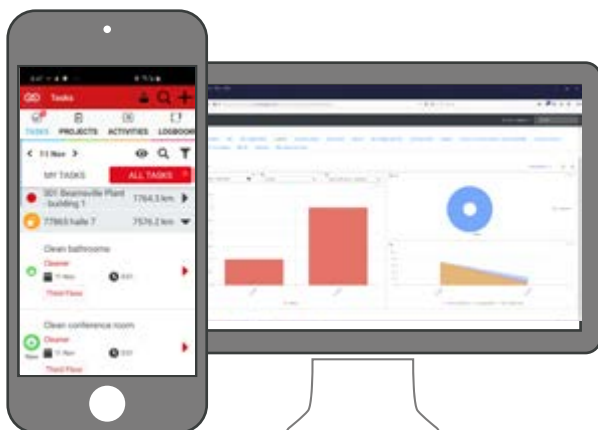


For all dispenser systems of the ingo-man®, KX and SanTRAL® series

OPHARDT Washroom Monitoring System® – optimized for public spaces

For enhanced quality and efficiency in public washrooms

- Intelligent, fully automatic fill level measurement for effective washroom service
- Optimized refill cycles ensure sustainable cost reduction of consumer goods
- Maximum/high product availability increases satisfaction of washroom visitors





ideal for
OHMS
OPHARDT HYGIENE MONITORING SYSTEM®

The smart retrofit unit **ingo-man® SmartNose**

- Intelligent "nose" panel
- Compatible with ingo-man® plus 500 ml dispensers
- Installed in a few seconds
- Integrated feedback LED signals when the required volume of product has been dispensed
- Integrated low-battery level LED
- Fill level calculation with bottle change alarm
- Encrypted WLAN communication
- Easy configuration and firmware updates
- Ideal with the OPHARDT Hygiene Monitoring System®

	Suitable for	Art. No.
ingo-man® SmartNose E	IMP E, IMP ELS	4402674



Smart soap and disinfectant dispenser, 500 ml

IMS E/ELS

- With ingo-man® SmartNose
- Integrated feedback LED signals when the required volume of product has been dispensed
- Integrated low-battery level LED
- With short (IMS E) or long (IMS ELS) stainless steel operating lever
- Housing made of aluminum, stainless steel or powder-coated aluminum
- Incl. DHP disposable hygiene pump, ideal for best measuring results
- Different dosing pumps available for other applications (p. 22 ff)
- Easy pump exchange due to front removal
- For 500 ml Euro bottles
- Fill level calculation with bottle change alarm
- Encrypted WLAN communication
- Easy configuration and firmware updates
- Dimensions: IMS E: W 82 x H 305 x D 170 mm
 IMS ELS: W 82 x H 287 x D 223 mm

	Material	Art. No.
IMS E A/DHP	Aluminum	4402620
IMS E E/DHP	Stainless steel	4402626
IMS E P/DHP	White powder coated	4402636
IMS E P/DHP	Hi-vis yellow powder coated	4402637
IMS E P/DHP	Hi-vis orange powder coated	4402638
IMS E P/DHP	Hi-vis red powder coated	4402639

	Material	Art. No.
IMS ELS A/DHP	Aluminum	4402651
IMS ELS E/DHP	Stainless steel	4402658
IMS ELS P/DHP	White powder coated	4402667
IMS ELS P/DHP	Hi-vis yellow powder coated	4402668
IMS ELS P/DHP	Hi-vis orange powder coated	4402669
IMS ELS P/DHP	Hi-vis red powder coated	4402670



INGO-MAN® BECOMES SMART

Do you already use ingo-man® plus dispensers? Make them smart. All manual dispensers of the ingo-man® plus series can be easily retrofitted with the **ingo-man® SmartNose**. From now on, the innovative outlet panel records the usage data continuously and automatically. The **OHMS software** (p. 36) provides hygiene managers with extensive options for evaluating hand hygiene data, improving compliance and thus reducing infections in the long term.

Prepared for the future:

Even ingo-man® plus dispensers purchased today can be retrofitted with the ingo-man® SmartNose later and benefit from the advantages of the monitoring system.

Look for the "smart-ready" marked products in our catalogue.

To the installation video:
Easy exchange of the outlet panel



**SMART
READY** 

Hygiene dispensers made more sustainable

POST-CONSUMER RECYCLED PLASTICS

The right solution for everyone

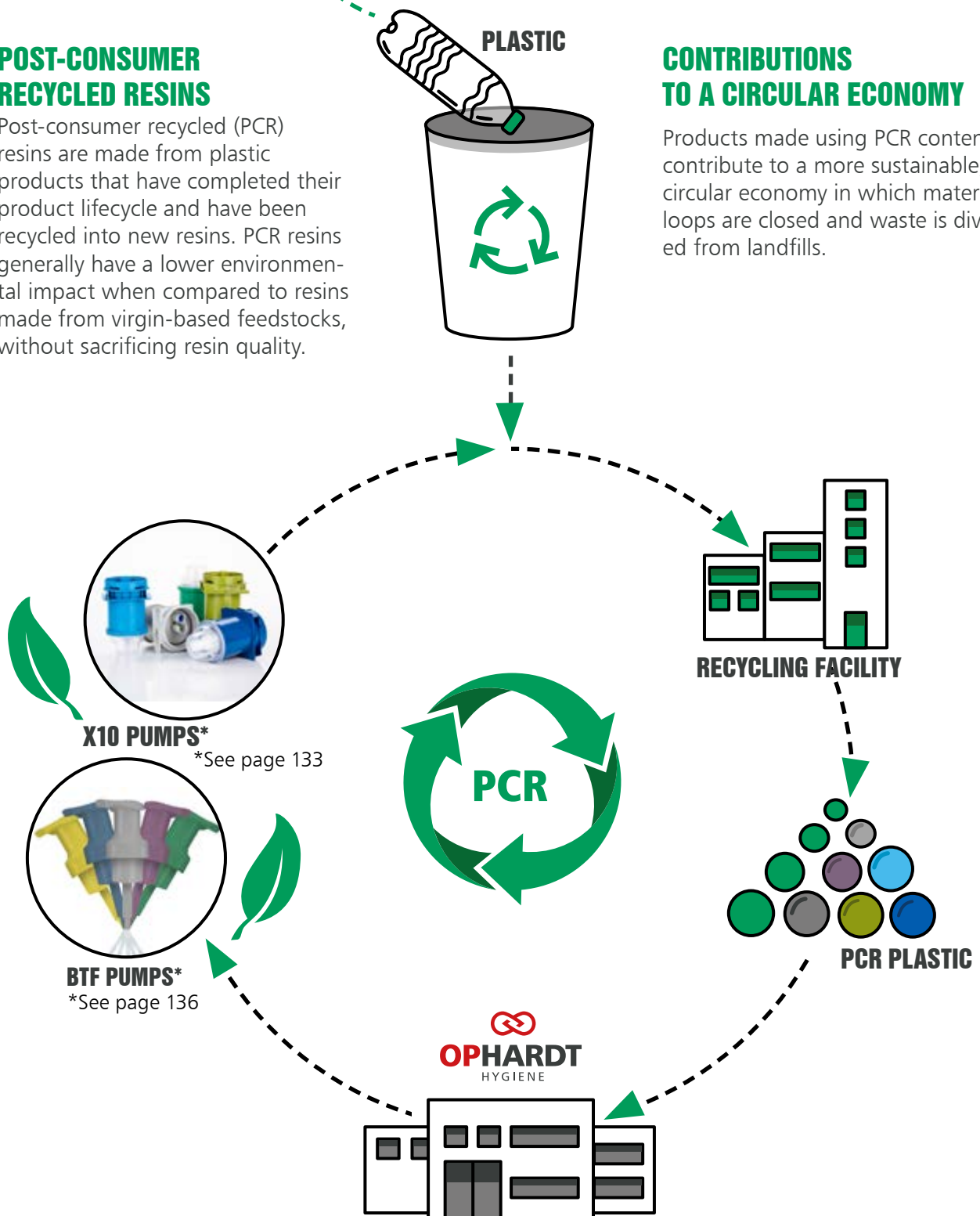


POST-CONSUMER RECYCLED RESINS

Post-consumer recycled (PCR) resins are made from plastic products that have completed their product lifecycle and have been recycled into new resins. PCR resins generally have a lower environmental impact when compared to resins made from virgin-based feedstocks, without sacrificing resin quality.

CONTRIBUTIONS TO A CIRCULAR ECONOMY

Products made using PCR content contribute to a more sustainable, circular economy in which material loops are closed and waste is diverted from landfills.



For more information please visit our Hygiene Hub:
<https://news.ophardt.com/en/integrating-the-new-plastics-economy-in-dispensers>





NEWnow also for
1000 ml Euro Bottles

Soap and disinfectant dispenser, 1000 ml

RX 10 M

- For disinfectant, alco-gel, soap and flowable lotions
- Plastic housing with stainless steel lever
- Incl. DHP disposable pump or plastic pump for reprocessing (p. 24)
- Dosage 1.5 ml/stroke
- Easy pump exchange due to front removal
- For 500 ml Standard Euro bottle
- For wall mounting
- Optional lock
- Dimensions: W 111,5 (184) x H 334 x D 151 (218) mm (with drip tray)

	With DHP Disposable hygiene pump	Art. No.
RX 10 M DHP (Non-Locking)	Clear drip tray with printed instructional graphics	4402749
RX 10 M DHP (Locking)	Lockable Clear drip tray with printed instructional graphics	4402754
RX 10 M DHP (Non-Locking)	White drip tray	4402745
RX 10 M DHP (Locking)	Lockable White drip tray	4402750
RX 10 M DHP (Non-Locking)	Hi-vis yellow drip tray	4402747
RX 10 M DHP (Locking)	Lockable Hi-vis yellow drip tray	4402752
RX 10 M DHP (Non-Locking)	Hi-vis orange drip tray	4402748
RX 10 M DHP (Locking)	Lockable Hi-vis orange drip tray	4402753
RX 10 M DHP (Non-Locking)	Hi-vis red drip tray	4402746
RX 10 M DHP (Locking)	Lockable Hi-vis red drip tray	4402751

	With IMP K plastic pump	Art. No.
RX 10 M (Non-Locking)	Clear drip tray with printed instructional graphics	4402739
RX 10 M (Locking)	Lockable Clear drip tray with printed instructional graphics	4402744
RX 10 M (Non-Locking)	White drip tray	4402735
RX 10 M (Locking)	Lockable White drip tray	4402740
RX 10 M (Non-Locking)	Hi-vis yellow drip tray	4402737
RX 10 M (Locking)	Lockable Hi-vis yellow drip tray	4402742
RX 10 M (Non-Locking)	Hi-vis orange drip tray	4402738
RX 10 M (Locking)	Lockable Hi-vis orange drip tray	4402743
RX 10 M (Non-Locking)	Hi-vis red drip tray	4402736
RX 10 M (Locking)	Lockable Hi-vis red drip tray	4402741

See page 54
for more RX dispensersSee page 66
for bracket systems for round
frames and standard rails

H³ DISPENSER SERIES

Reducing Plastic Waste Has Never Looked So Good



Modular dispenser series for showers, washrooms, lobbies and more.

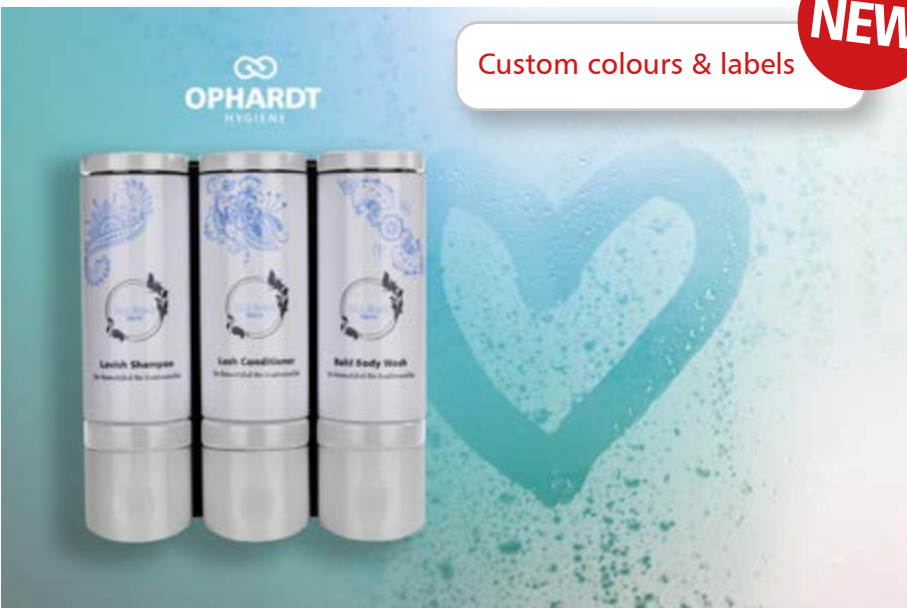
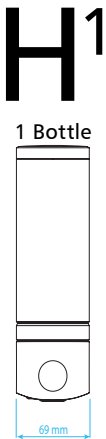
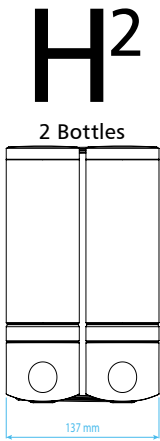
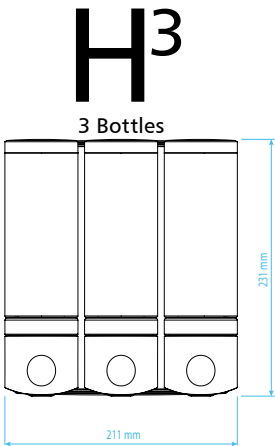
H³ Dispenser Series

The options are limitless with the new OPHARDT Hygiene hospitality amenities dispenser. Recyclable, refillable and ready to make an impression, the H3 dispenser offers a perfect alternative to wasteful mini shampoo and personal care bottles. Whether you need an open, refillable system, or a closed system, the H3 dispenser can be adapted to your specific needs. This modular dispenser is designed to be wall mounted as a single, double or triple dispensing unit, perfect for the shower, bathroom, kitchen or anywhere hospitality hygiene is a priority.

- ▶ One handed, low-force operation (disability friendly)
- ▶ Brand focused design
- ▶ Endless recyclable pump selections (lotion, foam, gel, paste)
- ▶ Modular unit: 1, 2 or 3 mounted dispensers
- ▶ Recyclable PET bottles, 450 ml
- ▶ Tamper proof design with lock or button opening
- ▶ Closed hygienic systems available
- ▶ Open refillable systems available
- ▶ Bottle and pump made with post-consumer recycled (PCR) plastic
- ▶ Quick swap bottle system

	Description	Art. No.
H3	Triple dispenser, white housing	H3-001
H2	Double dispenser, white housing	H2-001
H1	Single dispenser, white housing	H1-001

Standard: available in chrome, black, or white
Minimum order quantity: 1 pallet





MAXIMUM HYGIENE MINIMUM COSTS

Compact hygiene solutions for ingo-man® and RX dispensers

Achieve long-term, sustainable improvements in hygiene standards with the EuroPack and EuroPouch. These closed pump-bottle-systems work together with the Euro bottle compatible dispensers of the ingo-man® plus and RX series, and guarantee protection from cross-contamination. Thanks to their high residual emptying rate, this innovative hygiene solution effectively reduces product waste and disposal costs. These products offer further savings potential by making resource-intensive, regular reprocessing of pumps no longer necessary.

- ▶ Suitable for all ingo-man® plus and RX dispensers
- ▶ Dosing quantity 1.5 ml per stroke
- ▶ Fast commissioning and removal, time-consuming preparation is no longer necessary

Choose the combination of pack and pump for your product

EuroPack

- Collapsible packaging in various thicknesses (LDPE or HDPE)
- For liquid disinfectants, soaps and lotions
- Minimum order quantity 1 carton

	Volume	Dispenser	Pack
EuroPack LDPE 500	500 ml	ingo-man® & RX	1420501
EuroPack LDPE 1000	1000 ml	ingo-man® & RX	1420502
EuroPack HDPE 500	500 ml	ingo-man® & RX	1421237
EuroPack HDPE 1000	1000 ml	ingo-man® & RX	1421238

	Filling good	Dispenser	Pump
IMP EuroPack pump	Liquid or viscous	ingo-man®	1420689
RX EuroPack pump	Liquid or viscous	RX	4402835

Choose the combination of pouch and pump for your product

EuroPouch

- Collapsing bag
- For viscous products (soaps/creams) and liquid disinfectants
- Minimum order quantity 1 carton

	Volume	Dispenser	Pouch
EuroPouch 500	500 ml	ingo-man® & RX	1420747
EuroPouch 1000	1000 ml	ingo-man® & RX	1420748

	Filling good	Dispenser	Pump
IMP EuroPouch pump HV	Viscous	ingo-man®	4402085
IMP EuroPouch pump LV	Liquid	ingo-man®	4402811
RX EuroPouch pump HV	Viscous	RX	4402836
RX EuroPouch pump LV	Liquid	RX	4402837



COMPREHENSIVE HYGIENE SOLUTIONS FOR INFECTION PREVENTION



Dispenser systems for entrance areas

conspicuously placed disinfection stations for visitors, staff and patients.

5x

Hospital visitors are 5x more likely to disinfect their hands **when a dispenser is easily accessible** in the entrance area.¹



Touchless hand disinfectant dispenser

minimize cross-contamination and increase hand hygiene compliance.

+53%

increase in hand disinfection per patient day after introduction of **touchless dispensers**.²



Hygiene dispensers in hi-vis colours

call attention to hand disinfection and increase the frequency of use.

+6%

increase in hand hygiene compliance after introduction of **hi-vis colours**.³

¹ Hobbs, Mary A., et al. „Visitor characteristics and alcohol-based hand sanitizer dispenser locations at the hospital entrance: Effect on visitor use rates.“ American journal of infection control 44.3 (2016): 258-262.

² Scheithauer, Simone, et al. „Increase of alcoholic hand disinfection performance due to new touchless dispensers“. Hygiene & Medizin 36.12 (2011). 496 - 499

³ Scheithauer, Simone, et al. „Influence of signal colored hand disinfectant dispensers on hand hygiene compliance at a medical intensive care unit.“ American journal of infection control 42.8 (2014): 926-928.

Hand hygiene is considered the most important measure to effectively prevent hospital acquired infections and to counteract the increasing occurrence of multi-resistant pathogens. We are constantly working to improve our overall hygiene concept, according to the most up-to-date science, in our effort to provide comprehensive infection prevention solutions for medical facilities.

Point-of-care holding solutions

bring hand hygiene directly to the point of care.

+25%

increase in hand hygiene compliance through **better availability** of disinfectant dispensers.⁴



Disposable hygiene systems

reduce processing costs and optimize hygiene standards.

50,000 – 250,000€

annual **savings potential** through the use of disposable solutions. Reprocessing costs become unnecessary.⁵



Smart monitoring

make hand hygiene visible.

-28%

reduction in nosocomial infections per patient day following the introduction of the OHMS.⁶



⁴ Bischoff, Werner E., et al. „Handwashing compliance by healthcare workers: the impact of introducing an accessible, alcohol-based hand antiseptic.“ Archives of internal medicine 160.7 (2000): 1017-1021.

⁵ eigene Berechnung basierend auf Daten eines 1.500 Bettenhauses

⁶ Glöckner, Andreas. „Elektronisches Händehygiene-Monitoring System: Auswirkungen auf Compliance und Infektionen. Nationaler Qualitätskongress Gesundheit. Berlin. 2015

ingo-man®

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 dispensers feature touchless technology to prevent cross-contamination, and WiFi enabled smart systems that record and monitor usage data to help streamline efficiency and compliance.



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

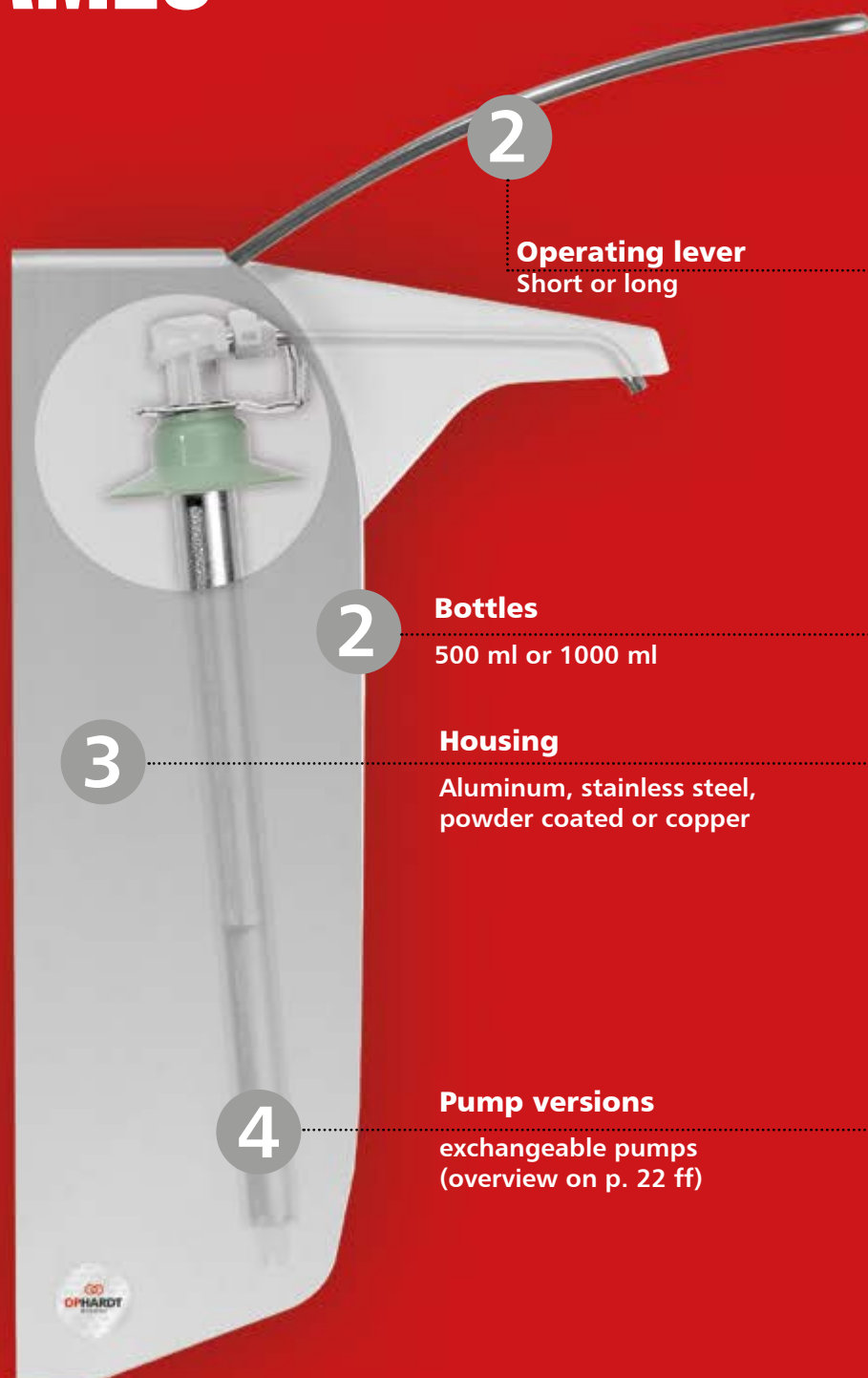
The ingo-man® product series features a comprehensive range of accessories for sustainable hand hygiene. From versatile mounting brackets for attaching dispensers at the point-of-care, to robust paper towel dispensers for hygienic hand drying, the ingo-man® series has a solution for every situation.



Read more about the ingo-man® dispenser system on our Hygiene Hub:
<https://news.ophardt.com/en/community-hospital-bonn-acquires-new-equipment-for-hand-hygiene>



EXPLANATION OF MODEL NAMES



2

Operating lever
Short or long

2

Bottles
500 ml or 1000 ml

3

Housing
Aluminum, stainless steel,
powder coated or copper

4

Pump versions
exchangeable pumps
(overview on p. 22 ff)



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

IMP...../... ingo-man® plus
IMS...../... ingo-man® smart

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 aluminum,
 plastic back plate

... ..**P**/... powder coated white (RAL 9010),
 plastic back plate

... ..**E**/... brushed stainless steel,
 plastic back plate

... ..**A Cu**/... Copper impregnated anodized aluminum,
 plastic back plate

4 Pump unit (see p. 22 ff)

.../**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

The right pump for your needs

STAINLESS STEEL PUMPS FOR **INGO-MAN®** PLUS DISPENSERS

Patented front removal



Stainless steel pump for manual ingo-man® plus dispensers

IMP 24 Series

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 ingo-man® plus and ingo-man® smart dispensers	1416015
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For 1000 ml ingo-man® plus and ingo-man® smart dispensers	1415843
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Stainless steel pump for manual ingo-man® plus dispensers

IMP 25 Series

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 ingo-man® plus and ingo-man® smart dispensers	1417655
--	---------

For 1000 ml ingo-man® plus and ingo-man® smart dispensers	1417652
---	---------



Stainless steel pump for manual ingo-man® plus dispensers

IMP 28 Series

Premium quality, long life pump made of stainless steel. Flexible sucking tube.

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 ingo-man® plus and ingo-man® smart dispensers	1416002
--	---------

For 1000 ml ingo-man® plus and ingo-man® smart dispensers	1415476
---	---------



Stainless steel pump for ingo-man® plus Touchless dispensers

IMP Touchless

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 ingo-man® plus Touchless and ingo-man smart® Touchless dispensers	1417696
--	---------

For 1000 ml ingo-man® plus Touchless and ingo-man smart® Touchless dispensers	1416896
---	---------



The right pump for your needs

PLASTIC PUMPS FOR **INGO-MAN® PLUS** AND **RX DISPENSERS**

Recyclable and easy to clean



Disposable hygiene pump

For manual and touchless ingo-man® plus and RX dispensers

DHP

For highest hygiene standards. When empty, pump and bottle are simply removed together and recycled.

- Disposable hygiene pump, hygienic single-use packaging.

For wide range of soaps, lotions and disinfectants, material chemically compatible with a diverse range of liquids, dishwasher safe.

Minimum order quantity: one box

Dosage: 1.5 ml/ stroke

DHP IMP E	Disposable pump for 500 ml ingo-man® plus and ingo-man® smart	4401857
DHP IMP T	Disposable pump for 1000 ml ingo-man® plus and ingo-man® smart	4401858
DHP RX 5	Disposable pump for 500 ml RX dispensers	4401860
DHP RX 10	Disposable pump for 1000 ml RX dispensers	4402829



Standard Pump
for all ingo-man® plus,
ingo-man® smart
and RX dispensers



Standard plastic pump for manual and touchless ingo-man® plus,
ingo-man® smart and RX dispensers

IMP K

- High-quality, long-life plastic pump with straight suction tube.

For wide range of soaps, lotions and disinfectants, material chemically compatible with a diverse range of liquids, dishwasher safe.

Dosage: 0.7 / 1.0 / 1.5 ml/ stroke (with IMP dispensers)

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
For RX 10 M	Dosage dependent upon dispenser, not adjustable	4402734



Spray pump for manual and touchless ingo-man® plus and
ingo-man® smart dispensers

IMP KSP

High-quality, long-life plastic spray pump with straight suction tube. For wide range disinfectants, material chemically compatible with a diverse range of liquids.

- For the fine spray of alcoholic hand-disinfectants.

Dosage: 1.0 ml/ stroke

Cleaning: manual cleaning

For 500 ml	1417657
For 1000 ml	1417654



Foam pump for manual and touchless ingo-man® plus,
ingo-man® smart and RX dispensers

IMP F

High-quality, long-life plastic foam pump with straight suction tube.

- Exclusively for foam soap.
Economical to use (15:1 air/soap ratio).

Dosage: 0.75 ml/ stroke

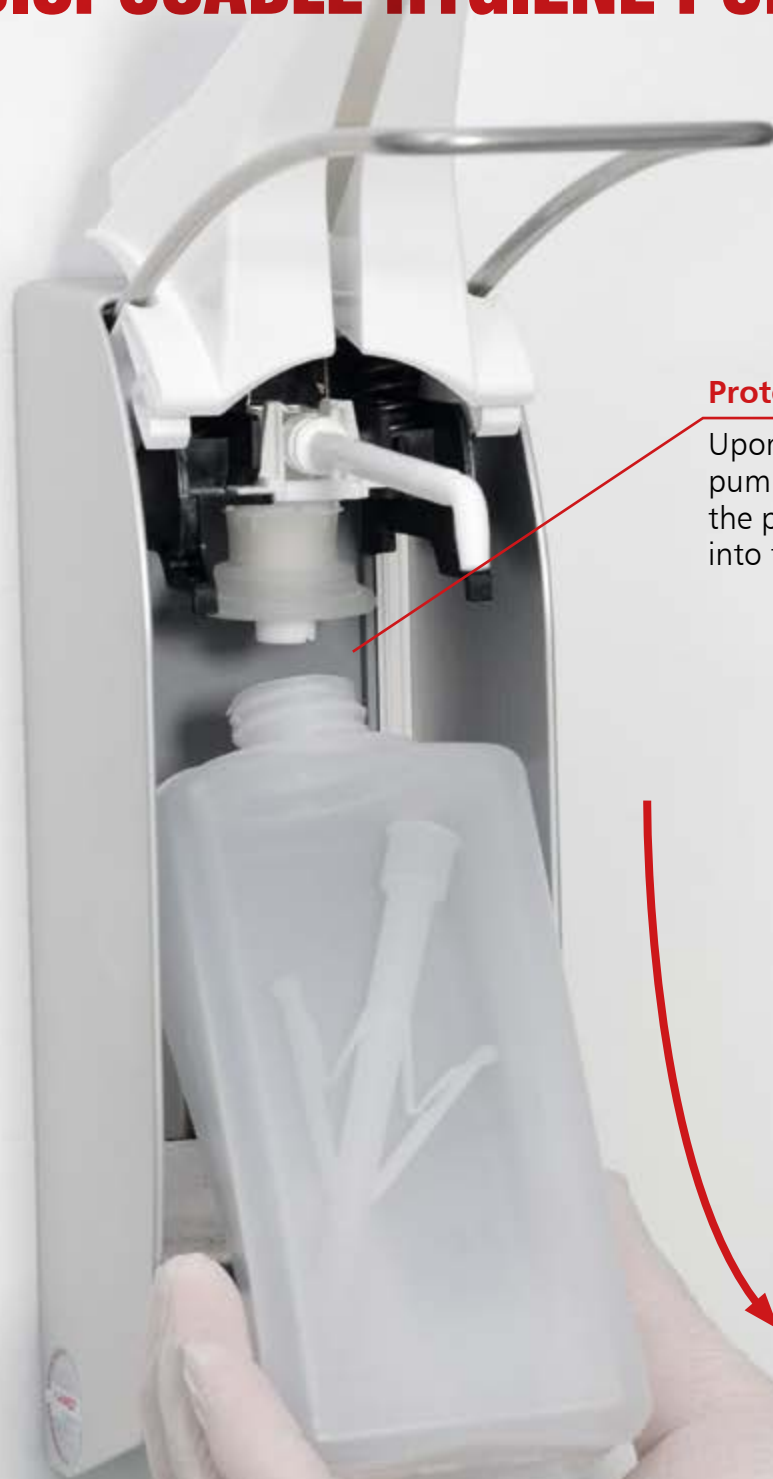
Cleaning: Dishwasher safe (60°C)

For 500 ml	1418073
For 1000 ml	1418074



Superior hygiene eliminates the need
for costly medical reprocessing of pumps

DHP DISPOSABLE HYGIENE PUMP



Protection against reuse:

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

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, while ensuring that strict hygiene standards are adhered to through the pump's self-destruction during improper bottle replacement. 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.

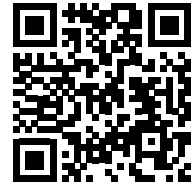
Easy Installation and Removal: To install a DHP, the individual packaging of the pump is torn and used as a glove to insert the pump into the dispenser – a new bottle can then be loaded into the dispenser normally.

Pump and packaging can be recycled at the end of useful life. The energy used to manufacture these pumps is produced with the help of renewable energy.

- ▶ For hand sanitizer/disinfectant, soap and lotions
- ▶ Dosage 1.5 ml/stroke
- ▶ Compatible with all ingo-man® plus and RX (T/M) dispensers
- ▶ Hygienic single-use packaging
- ▶ Fast, intuitive installation
- ▶ Time consuming medical reprocessing eliminated
- ▶ Made with recyclable plastic - no metal components
- ▶ Pump self-destructs when bottle is removed for refill



Watch the video



DHP IMP E



DHP RX 5



	Suitable for	Minimum order 1 box	Art. No.
▶ DHP IMP E	500 ml bottles, ingo-man® plus / smart	250 pcs.	4401857
DHP IMP T	1000 ml bottles, ingo-man® plus / smart	200 pcs.	4401858
DHP RX 5	For 500 ml bottles, RX	300 pcs.	4401860
DHP RX 10	For 1000 ml bottles, RX	250 pcs.	4402829

**Standard pump
for all ingo-man® plus,
ingo-man® smart
and RX dispensers**

* Deutsche Gesellschaft für Krankenhaushygiene e.V. Empfehlung zu Anforderungen an Seifen- und Händedesinfektionsmittelsender in Einrichtungen des Gesundheitswesens. Hygiene und Medizin. Oktober 2011, Bd. 36, 10, S.407-408
* RKI. Händehygiene in Einrichtungen des Gesundheitswesens. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz. 2016;59(9):1189-220.



Soap and disinfectant dispenser, 500 ml

IMP E/ELS

- Short (IMP E) or long (IMP ELS) stainless steel lever
- Housing made of aluminum, stainless steel or powder coated aluminum
- Dishwasher safe, autoclavable (134°C)
- A range of dosing pumps to suit different applications (p. 22 ff)
- Easy one-handed pump exchange through front
- For 500 ml Euro bottle
- Smart ready
- Dimensions IMP E: W 82 x H 305 x D 169 mm
Dimensions IMP ELS: W 82 x H 287 x D 223 mm



**SMART
READY** 
See page 7

	Material	Pump	Art. No.
IMP E A/DHP	Aluminum	DHP Disposable hygiene pump	4402102
IMP E A/24	Aluminum	24 Stainless steel pump	1417021
IMP E A/25	Aluminum	25 Stainless steel pump	1417548
IMP E A/K	Aluminum	Plastic pump	1417549
IMP E A/KSP	Aluminum	Plastic spray pump	1417550
IMP E A/F	Aluminum	Plastic foam pump	1418153
IMP E E/DHP	Stainless steel	DHP Disposable hygiene pump	4402104
IMP E E/24	Stainless steel	24 Stainless steel pump	1417023
IMP E E/25	Stainless steel	25 Stainless steel pump	1417551
IMP E E/K	Stainless steel	Plastic pump	1417552
IMP E E/KSP	Stainless steel	Plastic spray pump	1417553
IMP E E/F	Stainless steel	Plastic foam pump	1418161
IMP E P/DHP	White powder coated	DHP Disposable hygiene pump	4402103
IMP E P/24	White powder coated	24 Stainless steel pump	1417465
IMP E P/25	White powder coated	25 Stainless steel pump	1417554
IMP E P/K	White powder coated	Plastic pump	1417555
IMP E P/KSP	White powder coated	Plastic spray pump	1417556
IMP E P/F	White powder coated	Plastic foam pump	1418157



	Material	Pump	Art. No.
IMP ELS A/DHP	Aluminum	DHP Disposable hygiene pump	4402105
IMP ELS A/24	Aluminum	24 Stainless steel pump	1416000
IMP ELS A/25	Aluminum	25 Stainless steel pump	1417557
IMP ELS A/K	Aluminum	Plastic pump	1417558
IMP ELS A/KSP	Aluminum	Plastic spray pump	1417559
IMP ELS A/F	Aluminum	Plastic foam pump	1418155
IMP ELS E/DHP	Stainless steel	DHP Disposable hygiene pump	4402136
IMP ELS E/24	Stainless steel	24 Stainless steel pump	1416017
IMP ELS E/25	Stainless steel	25 Stainless steel pump	1417560
IMP ELS E/K	Stainless steel	Plastic pump	1417561
IMP ELS E/KSP	Stainless steel	Plastic spray pump	1417562
IMP ELS E/F	Stainless steel	Plastic foam pump	1418163
IMP ELS P/DHP	White powder coated	DHP Disposable hygiene pump	4402106
IMP ELS P/24	White powder coated	24 Stainless steel pump	1417467
IMP ELS P/25	White powder coated	25 Stainless steel pump	1417563
IMP ELS P/K	White powder coated	Plastic pump	1417564
IMP ELS P/KSP	White powder coated	Plastic spray pump	1417565
IMP ELS P/F	White powder coated	Plastic foam pump	1418159





Soap and disinfectant dispenser, 1000 ml

IMP T/TLS

- Short (IMP T) or long (IMP TLS) stainless steel lever
- Housing made of aluminum, stainless steel or powder coated aluminum
- Dishwasher safe, autoclavable (134°C)
- A range of dosing pumps to suit different applications (p. 22 ff)
- Easy one-handed pump exchange through front
- For 500 ml Euro bottle
- Smart ready
- Dimensions IMP T: W 94 x H 341 x D 170 mm
Dimensions IMP TLS: W 94 x H 321 x TD 230 mm



**SMART
READY** 

See page 7

	Material	Pump	Art. No.
IMP T A/DHP	Aluminum	DHP Disposable hygiene pump	4402107
IMP T A/24	Aluminum	24 Stainless steel pump	1417022
IMP T A/25	Aluminum	25 Stainless steel pump	1417588
IMP T A/K	Aluminum	Plastic pump	1417589
IMP T A/KSP	Aluminum	Plastic spray pump	1417590
IMP T A/F	Aluminum	Plastic foam pump	1418165
IMP T E/DHP	Stainless steel	DHP Disposable hygiene pump	4402109
IMP T E/24	Stainless steel	24 Stainless steel pump	1417024
IMP T E/25	Stainless steel	25 Stainless steel pump	1417591
IMP T E/K	Stainless steel	Plastic pump	1417592
IMP T E/KSP	Stainless steel	Plastic spray pump	1417593
IMP T E/F	Stainless steel	Plastic foam pump	1418173
IMP T P/DHP	White powder coated	DHP Disposable hygiene pump	4402108
IMP T P/24	White powder coated	24 Stainless steel pump	1417466
IMP T P/25	White powder coated	25 Stainless steel pump	1417594
IMP T P/K	White powder coated	Plastic pump	1417595
IMP T P/KSP	White powder coated	Plastic spray pump	1417596
IMP T P/F	White powder coated	Plastic foam pump	1418169

	Material	Pump	Art. No.
IMP TLS A/DHP	Aluminum	DHP Disposable hygiene pump	4402110
IMP TLS A/24	Aluminum	24 Stainless steel pump	1415993
IMP TLS A/25	Aluminum	25 Stainless steel pump	1417597
IMP TLS A/K	Aluminum	Plastic pump	1417598
IMP TLS A/KSP	Aluminum	Plastic spray pump	1417599
IMP TLS A/F	Aluminum	Plastic foam pump	1418167
IMP TLS E/DHP	Stainless steel	DHP Disposable hygiene pump	4402112
IMP TLS E/24	Stainless steel	24 Stainless steel pump	1415995
IMP TLS E/25	Stainless steel	25 Stainless steel pump	1417600
IMP TLS E/K	Stainless steel	Plastic pump	1417601
IMP TLS E/KSP	Stainless steel	Plastic spray pump	1417602
IMP TLS E/F	Stainless steel	Plastic foam pump	1418175
IMP TLS P/DHP	White powder coated	DHP Disposable hygiene pump	4402111
IMP TLS P/24	White powder coated	24 Stainless steel pump	1417468
IMP TLS P/25	White powder coated	25 Stainless steel pump	1417603
IMP TLS P/K	White powder coated	Plastic pump	1417604
IMP TLS P/KSP	White powder coated	Plastic spray pump	1417605
IMP TLS P/F	White powder coated	Plastic foam pump	1418171





Soap and disinfectant dispenser, 500 ml

IMP E/ELS Hi-Vis Colour

- Powder coated in hi-vis colour
- With short (IMP E) or long (IMP ELS) stainless steel lever
- Dishwasher safe
- A range of dosing pumps to suit different applications (p.22 ff)
- Easy one-handed pump exchange through front
- For 500 ml Euro bottle
- Smart ready
- Dimensions IMP E: W 82 x H 305 x D 169 mm
Dimensions IMP ELS: W 82 x H 287 x D 223 mm



**SMART
READY** 
See page 7

	Colour	Pump	Art. No.
IMP E P/DHP	Hi-vis yellow	DHP Disposable hygiene pump	4402115
IMP E P/24	Hi-vis yellow	24 Stainless steel pump	1418092
IMP E P/DHP	Hi-vis orange	DHP Disposable hygiene pump	4402114
IMP E P/24	Hi-vis orange	24 Stainless steel pump	1418093
IMP E P/DHP	Hi-vis red	DHP Disposable hygiene pump	4402113
IMP E P/24	Hi-vis red	24 Stainless steel pump	1418091

	Colour	Pump	Art. No.
IMP ELS P/DHP	Hi-vis yellow	DHP Disposable hygiene pump	4402118
IMP ELS P/24	Hi-vis yellow	24 Stainless steel pump	1417890
IMP ELS P/DHP	Hi-vis orange	DHP Disposable hygiene pump	4402117
IMP ELS P/24	Hi-vis orange	24 Stainless steel pump	1417891
IMP ELS P/DHP	Hi-vis red	DHP Disposable hygiene pump	4402116
IMP ELS P/24	Hi-vis red	24 Stainless steel pump	1417892

Increase compliance through visibility

HI-VIS COLOURS

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, 1000 ml

IMP T/TLS Hi-Vis Colour

- Powder coated in hi-vis colour
- With short (IMP T) or long (IMP TLS) stainless steel lever
- Dishwasher safe
- A range of dosing pumps to suit different applications (p. 22 ff)
- Easy one-handed pump exchange through front
- For 1000 ml Euro bottle
- Smart ready
- Dimensions IMP T: W 94 x H 341 x D 170 mm
Dimensions IMP TLS: W 94 x H 321 x D 230 mm



**SMART
READY** 
See page 7

	Colour	Pump	Art. No.
IMP T P/DHP	Hi-vis yellow	DHP Disposable hygiene pump	4402121
IMP T P/24	Hi-vis yellow	24 Stainless steel pump	1418095
IMP T P/DHP	Hi-vis orange	DHP Disposable hygiene pump	4402120
IMP T P/24	Hi-vis orange	24 Stainless steel pump	1418096
IMP T P/DHP	Hi-vis red	DHP Disposable hygiene pump	4402119
IMP T P/24	Hi-vis red	24 Stainless steel pump	1418094

	Colour	Pump	Art. No.
IMP TLS P/DHP	Hi-vis yellow	DHP Disposable hygiene pump	4402124
IMP TLS P/24	Hi-vis yellow	24 Stainless steel pump	1417887
IMP TLS P/DHP	Hi-vis orange	DHP Disposable hygiene pump	4402123
IMP TLS P/24	Hi-vis orange	24 Stainless steel pump	1417888
IMP TLS P/DHP	Hi-vis red	DHP Disposable hygiene pump	4402122
IMP TLS P/24	Hi-vis red	24 Stainless steel pump	1417889





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. 48.

Pump: DHP Disposable hygiene pump or IMP Touchless pump (p. 22 ff)

Bottle: For 500 ml or 1000 ml Euro bottle

Dimensions: W 94 x H 339 x D 209 mm



	For 500 ml Euro bottles	Art. No.
IMP E A DHP Touchless	Aluminum	4402148
IMP E A DHP Touchless Mains operated	Aluminum	4402149
IMP E A Touchless	Aluminum	1415523
IMP E A Touchless Mains operated	Aluminum	1417545
IMP E E DHP Touchless	Stainless steel	4402150
IMP E E DHP Touchless Mains operated	Stainless steel	4402151
IMP E E Touchless	Stainless steel	1417728
IMP E E Touchless Mains operated	Stainless steel	1417727
	For 1000 ml Euro bottles	Art. No.
IMP T A DHP Touchless	Aluminum	4402152
IMP T A DHP Touchless Mains operated	Aluminum	4402153
IMP T A Touchless	Aluminum	1415524
IMP T A Touchless Mains operated	Aluminum	1418061
IMP T E DHP Touchless	Stainless steel	4402154
IMP T E DHP Touchless Mains operated	Stainless steel	4402155
IMP T E Touchless	Stainless steel	1417071
IMP T E Touchless Mains operated	Stainless steel	1417544

IMP Touchless Hi-Vis Colour

IMP Touchless, powder coated in hi-vis colour



	For 500 ml Euro bottles	Art. No.
IMP E P DHP Touchless	Hi-vis red	4402164
IMP E P DHP Touchless	Hi-vis orange	4402165
IMP E P DHP Touchless	Hi-vis yellow	4402166
IMP E P Touchless	Hi-vis red	1418476
IMP E P Touchless	Hi-vis orange	1418515
IMP E P Touchless	Hi-vis yellow	1418514
	For 1000 ml Euro bottles	Art. No.
IMP T P DHP Touchless	Hi-vis red	4402167
IMP T P DHP Touchless	Hi-vis orange	4402168
IMP T P DHP Touchless	Hi-vis yellow	4402169
IMP T P Touchless	Hi-vis red	1418276
IMP T P Touchless	Hi-vis orange	1418275
IMP T P Touchless	Hi-vis yellow	1418274

Soap and disinfectant dispenser, touchless with extendable emergency lever

IMP Touchless XT

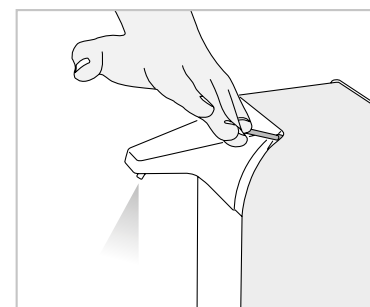
Stainless steel emergency lever for manual operation, e.g. when batteries are empty, optional with AC power supply adapter, easy one-handed pump exchange through front, optional accessories see p. 48.

Pump: DHP Disposable hygiene pump or IMP Touchless pump (p. 22 ff)

Bottle: For 500 ml or 1000 ml Euro bottle

Dimensions: W 94 x H 295 x D 209 mm

	For 500 ml Euro bottles	Art. No.
IMP E A DHP Touchless XT	Aluminum	4402156
IMP E A DHP Touchless XT Mains operated	Aluminum	4402157
IMP E A Touchless XT	Aluminum	4400727
IMP E A Touchless XT Mains operated	Aluminum	4400901
IMP E E DHP Touchless XT	Stainless steel	4402158
IMP E E DHP Touchless XT Mains operated	Stainless steel	4402159
IMP E E Touchless XT	Stainless steel	4400903
IMP E E Touchless XT Mains operated	Stainless steel	4400905
	For 1000 ml Euro bottles	Art. No.
IMP T A DHP Touchless XT	Aluminum	4402160
IMP T A DHP Touchless XT Mains operated	Aluminum	4402161
IMP T A Touchless XT	Aluminum	4400726
IMP T A Touchless XT Mains operated	Aluminum	4400902
IMP T E DHP Touchless XT	Stainless steel	4402162
IMP T E DHP Touchless XT Mains operated	Stainless steel	4402163
IMP T E Touchless XT	Stainless steel	4400904
IMP T E Touchless XT Mains operated	Stainless steel	4400906



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

IMP Touchless XT Hi-Vis Colour

IMP Touchless XT, powder coated hi-vis colour

	For 500 ml Euro bottles	Art. No.
IMP E P DHP Touchless XT	Hi-vis red	4402170
IMP E P DHP Touchless XT	Hi-vis orange	4402171
IMP E P DHP Touchless XT	Hi-vis yellow	4402172
IMP E P Touchless XT	Hi-vis red	4400907
IMP E P Touchless XT	Hi-vis orange	4400909
IMP E P Touchless XT	Hi-vis yellow	4400908
	For 1000 ml Euro bottles	Art. No.
IMP T P DHP Touchless XT	Hi-vis red	4402173
IMP T P DHP Touchless XT	Hi-vis orange	4402174
IMP T P DHP Touchless XT	Hi-vis yellow	4402175
IMP T P Touchless XT	Hi-vis red	4400910
IMP T P Touchless XT	Hi-vis orange	4400912
IMP T P Touchless XT	Hi-vis yellow	4400911





OHMS[📶]

OPHARDT HYGIENE MONITORING SYSTEM®



MEASURABLY IMPROVING HAND HYGIENE

On the following pages, learn more about our complete hardware and software solutions for hand hygiene monitoring in medical facilities.



Analyze hand hygiene. Improve compliance. Save lives:

The OPHARDT Hygiene Monitoring System in practice

Nosocomial infections and the increasing number of multi-resistant pathogens pose major challenges for medical institutions worldwide. Although it is considered the most important measure for infection prevention, hand hygiene compliance rates often fall below requirements in hospitals and clinics.

This is where the OPHARDT Hygiene Monitoring System® (OHMS) comes in: OHMS enables users access to data on hygiene behaviour. With this data, hygiene experts can identify and remedy weak points in dispenser infrastructure and provide staff with targeted training on hand hygiene behaviour.

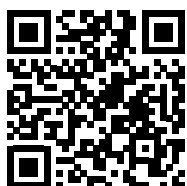
The OHMS software

Comprehensive reports and evaluations on hand hygiene behaviour with

- Quantity
- Quality
- Date

of each individual hygiene event

Additional features depending on the license model (see page 44/45).

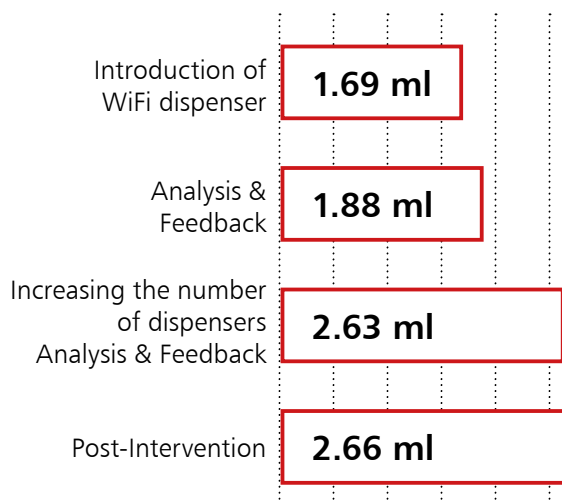


Customer reviews: The OPHARDT Hygiene Monitoring System® in practice

The OHMS user report describes individual experiences of system users and describes the concrete benefits of the OHMS in everyday practice. (Scan QR Code video)

Increase in consumption

(ml per hand disinfection)



Scheithauer, Simone, et al. „Do WiFi-based hand hygiene dispenser systems increase hand hygiene compliance?“. American journal of infection control 46.10 (2018): 1192-1194

Consumption increased, Infections reduced



Glöckner, A. „Elektronisches Händehygiene-Monitoring System: Auswirkungen auf Compliance und Infektionen“. 9. Nationaler Qualitätskongress Gesundheit (2015), Berlin

An important cornerstone: Feedback on hand hygiene behaviour

Providing adequate feedback is becoming an increasingly important topic of discussion when looking at ways to improve hand hygiene in medical facilities. Numerous studies underline the benefits for patient protection and advocate the use of electronic monitoring systems, which are clearly superior to direct observation and quantity calculation. On the hardware and software side, OHMS offers a number of valuable features to provide hospital staff with permanent and resource-saving feedback on hand hygiene behaviour.

The feedback modules

Feedback LED

- Integrated in ingo-man® SmartNose
- Lights up green as soon as enough hand disinfectant has been dispensed
- Qualitatively strengthens hand hygiene



Feedback Screen

- Prominently placed on the hospital ward
- Direct and easy feedback of hand hygiene to staff
- Freely adjustable target values and time periods



Feedback Software

- Overview of the most important key figures for hygiene specialists
- Rapid identification of optimization potential
- Immediate implementation of hygiene measures



ingo-man® smart e-pro - Innovation meets sustainability

The ingo-man® smart e-pro 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, e-pro data is used to generate detailed reports on compliance rates, and detailed suggestions for improvement pathways – a powerful tool for hygiene specialists.



The e-pro 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 a reliable and sustained improvement of hand hygiene.

Soap and disinfectant dispenser for automatic measurement of hand hygiene behaviour

IMS e-pro

With long lever, easy one-handed pump exchange through front, optional accessories see p. 48.

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® e-pro dispensers.

Consumption measurement: Indicator for hand hygiene quality

Pump: DHP disposable hygiene pump, see p. 22 for different pumps

Bottle: For 500 ml or 1000 ml Euro bottle

Dimensions: IMS e-pro ELS A/DHP: W 82 x H 290 x D 269 mm

IMS e-pro TLS A/DHP: W 94 x H 324 x D 269 mm

▶	For 500 ml Euro bottles	Art. No.
	IMS e-pro ELS A/DHP Aluminum	4402292
▶	For 1000 ml Euro bottles	Art. No.
	IMS e-pro TLS A/DHP Aluminum	4402293





INNOVATION MEETS SUSTAINABILITY

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





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.

For more information go to pages 38-39, or scan this QR-Code: Our OHMS product video gives you insight into the advantages of hand hygiene monitoring.



Soap and disinfectant dispenser for automatic measurement of hand hygiene behaviour

IMS e-pro

With long lever, easy one-handed pump exchange through front, optional accessories see p. 48

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® smart e-pro dispensers.

Consumption measurement: Indicator for hand hygiene quality

Pump: DHP disposable hygiene pump, see p. 22 for different pumps

Bottle: For 500 ml or 1000 ml Euro bottle

Dimensions: IMS e-pro ELS A/DHP: W 82 x H 290 x D 269 mm

IMS e-pro TLS A/DHP: W 94 x H 324 x D 269 mm

	For 500 ml Euro bottles	Art. No.
	IMS e-pro ELS A/DHP Aluminum	4402292
	For 1000 ml Euro bottles	Art. No.
	IMS e-pro TLS A/DHP Aluminum	4402293



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

IMS Touchless

Emergency lever for manual operation, e.g. when batteries are empty, easy one-handed pump exchange through front, optional accessories see p. 48

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, see p. 22 for different pumps

Bottle: For 1000 ml Euro bottle

Dimensions: W 94 x H 339 x D 209 mm

	For 1000 ml Euro bottles	Art. No.
	IMS Touchless T A/DHP Aluminum	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.

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. 48

Pump: DHP disposable hygiene pump or 24 Stainless steel pump, for other pumps see page 22 ff

Bottle: For 500 ml Euro bottles

Dimensions: IMP E Counter: W 82 x H 305 x D 169 mm
IMP ELS Counter: W 82 x H 287 x D 223 mm



	Short lever	Art. No.
IMP E A/DHP Counter	Aluminum	4402131
IMP E P/DHP Counter	White powder coated	4402133
IMP E E/DHP Counter	Stainless steel	4402135
IMP E A/24 Counter	Aluminum	1417455
IMP E P/24 Counter	White powder coated	1417573
IMP E E/24 Counter	Stainless steel	1417569
	Long lever	Art. No.
IMP ELS A/DHP Counter	Aluminum	4402132
IMP ELS P/DHP Counter	White powder coated	4402134
IMP ELS E/DHP Counter	Stainless steel	4402137
IMP ELS A/24 Counter	Aluminum	1417454
IMP ELS P/24 Counter	White powder coated	1417584
IMP ELS E/24 Counter	Stainless steel	1417580

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. 48

Pump: DHP disposable hygiene pump or 24 Stainless steel pump, for other pumps see page 22 ff

Bottle: For 1000 ml Euro bottles

Dimensions: IMP T Counter: W 94 x H 341 x D 170 mm
IMP TLS Counter: W 94 x H 321 x D 230 mm



	Short lever	Art. No.
IMP T A/DHP Counter	Aluminum	4402125
IMP T P/DHP Counter	White powder coated	4402127
IMP T E/DHP Counter	Stainless steel	4402129
IMP T A/24 Counter	Aluminum	1417457
IMP T P/24 Counter	White powder coated	1417613
IMP T E/24 Counter	Stainless steel	1417609
	Long lever	Art. No.
IMP TLS A/DHP Counter	Aluminum	4402126
IMP TLS P/DHP Counter	White powder coated	4402128
IMP TLS E/DHP Counter	Stainless steel	4402130
IMP TLS A/24 Counter	Aluminum	1417456
IMP TLS P/24 Counter	White powder coated	1417624
IMP TLS E/24 Counter	Stainless steel	1417620

* Autoclavable and dishwasher safe after removal of the counter. Counter is removable without tools.
DHP Disposable hygiene pumps are not autoclavable.

OHMS SOFTWARE LICENSE MODEL



For the basics.

With the OHMS Basic License you receive a hygiene report every month and thus a regular insight into the hand hygiene behaviour.

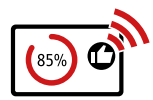
Art. No.	Version	Description	min. Licenses
SW-OHMS-B1	OHMS Basic 100	1 monthly report, 1 license/division, max. 100 beds	2
SW-OHMS-B2	OHMS Basic 200	1 monthly report, 1 license/division, max. 200 beds	4
SW-OHMS-B5	OHMS Basic 500	1 monthly report, 1 license/division, max. 500 beds	8
SW-OHMS-BU	OHMS Basic unlimited	1 monthly report, 1 license/division, unlimited	20



One step further.

With the OHMS PRO license you have full access to the software. Countless evaluation options allow a detailed analysis of hand hygiene. Alarms keep you informed about dispenser low fill levels, low battery levels, and functionality. For the OHMS PRO license an OHMS Admin license is required.

Art. No.	Version	Description	min. Licenses
SW-OHMS-P1	OHMS PRO 100	full software range, 1 license/division, max. 100 beds	2
SW-OHMS-P2	OHMS PRO 200	full software range, 1 license/division, max. 200 beds	4
SW-OHMS-P5	OHMS PRO 500	full software range, 1 license/division, max. 500 beds	8
SW-OHMS-PU	OHMS PRO unlimited	full software range, 1 license/division, unlimited	20



Hand hygiene at the highest level.

The OHMS PRO Plus license not only allows unrestricted evaluation of usage frequencies and withdrawal quantities, but also offers fully automatic feedback of hand hygiene behavior to hospital staff via a feedback screen. Furthermore, thanks to an optimized interface, consumption data can be conveniently exported to the HAND-KISS. For the OHMS PRO Plus license an OHMS Admin license is required.

Art. No.	Version	Description	min. Licenses
SW-OHMS-PP1	OHMS PRO PLUS 100	full software range, 1 license/division, max. 100 beds, incl. Feedbackmonitorsoftware	2
SW-OHMS-PP2	OHMS PRO PLUS 200	full software range, 1 license/division, max. 200 beds, incl. Feedbackmonitorsoftware	4
SW-OHMS-PP5	OHMS PRO Plus 500	full software range, 1 license/division, max. 500 beds, incl. Feedbackmonitorsoftware	8
SW-OHMS-PPU	OHMS PRO PLUS unlimitiert	full software range, 1 license/division, unlimited, incl. Feedbackmonitorsoftware	20
SW-OHMS-Admin	OHMS Admin License	required addition for PRO and PRO PLUS licenses	1
SW-OHMS-API	OHMS API License	For several hospitals under same administration for free customization	1



Feature	Admin License	Basic License	PRO License	PRO PLUS License
Hand hygiene event with time stamp	✓	✓	✓	✓
Dosage dispensed	✓	✓	✓	✓
Dispenser-ID for location assignment	✓	✓	✓	✓
Feedback-LED indicating sufficient dosage dispensed	✓	✓	✓	✓
Low-Battery-Level-LED	✓	✓	✓	✓
- Bottle nearly empty alarm	only with Pro or PRO PLUS	X	✓	✓
- Missing bottle alarm	only with Pro or PRO PLUS	X	✓	✓
- Battery nearly empty alarm	only with Pro or PRO PLUS	X	✓	✓
Software for Feedback-Monitor	only with PRO PLUS	X	X	✓
Connection to HAND-KISS possible	only with PRO PLUS	X	X	✓
Unrestricted software use	✓	X (1 Report/Month)	✓	✓



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. 48

Pump: DHP disposable hygiene pump, see p. 22 ff for other pumps

Bottles: For 500 ml or 1000 ml Euro bottle

Dimensions: W 94 x H 347 x D 209 mm

For 500 ml Euro bottles		Art. No.
IMP E A/DHP Touchless Aluminum		4402308
TK Mains Operated		
For 1000 ml Euro bottles		Art. No.
IMP T A/DHP Touchless Aluminum		4402309
TK Mains Operated		



Touchless disinfectant dispenser with Bluetooth door control

Hands are the most important vector for the transmission of communicable diseases. Hand disinfection is therefore the simplest and most effective measure to prevent the spread of infections.

Hygiene-sensitive areas, such as airlock rooms in front of intensive care units, must adhere to strict hand hygiene standards to protect immunocompromised patients.

There is also a growing need for hand hygiene in high-traffic public areas such as airports, train stations, schools, offices, shopping centres and sports facilities to stop the spread of disease.

With its robust and hygienic design, the PRAESIDIO® reduces the risk of cross-contamination. This touchless dispenser is equipped with a Bluetooth module that can be coupled to a door. When hands are disinfected the dispenser triggers the door to open automatically.

Stop the spread of infections and achieve a measurable increase in hand hygiene behaviour with the reliable combination of the PRAESIDIO® with Bluetooth technology. Contact us for an installation:

customercare@ophardt.com

Drip Trays

- Removable plastic drip tray, dishwasher safe
- Prevents disinfectant from dripping off hands and onto the floor
- Custom fit for any type of dispenser



	Art. No.	For dispenser	Colour
SH E 26	263800	ingo-man® classic 500 ml ingo-man® plus 500 ml	White
SH E 26 hi-vis yellow	1418976		Hi-vis yellow
SH E 26 hi-vis red	1418978		Hi-vis red
SH E 26 hi-vis orange	1418977		Hi-vis orange
SH T 26	161100	ingo-man® classic 1000 ml ingo-man® plus 1000 ml	White
SH T 26 hi-vis yellow	1418979		Hi-vis yellow
SH T 26 hi-vis red	1418981		Hi-vis red
SH T 26 hi-vis orange	1418980		Hi-vis orange
SH 4	1416600	ingo-man® plus Touchless ingo-man® smart Touchless ingo-man® smart e-pro 1000 ml	White
SH 4 hi-vis yellow	1418970		Hi-vis yellow
SH 4 hi-vis red	1418972		Hi-vis red
SH 4 hi-vis orange	1418971		Hi-vis orange
SH E e-pro	1419637	ingo-man® smart e-pro 500 ml	White
SH E e-pro hi-vis yellow	2400375		Hi-vis yellow
SH E e-pro hi-vis red	2400376		Hi-vis red
SH E e-pro hi-vis orange	2400377		Hi-vis orange

Clean and hygienic:

Prevent disinfectant from dripping from hands onto the floor

Quick, easy installation – no tools required

Drip trays for wall mounting

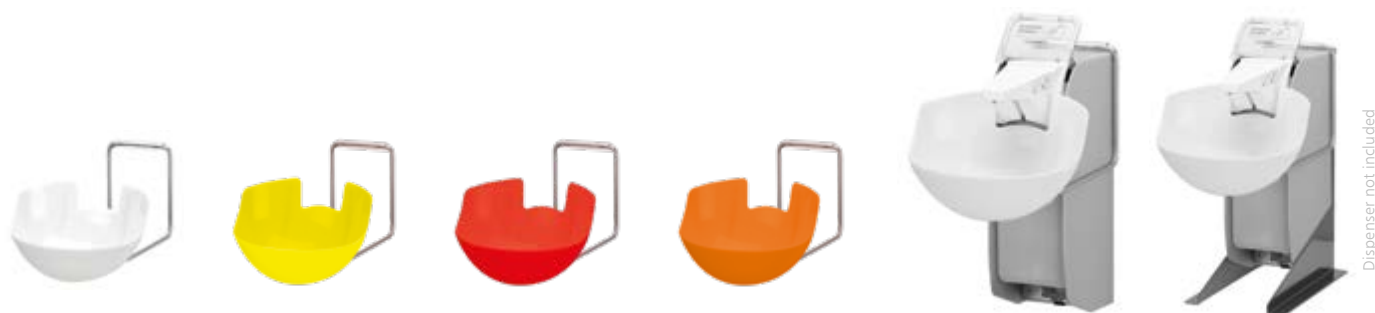


SH 1



SH 3

	Art. No.	For wall mounting	Colour
SH 1	290000	Short side to the wall	White
SH 3	1165200	Long side to the wall	White



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 hi-vis yellow	1419322		Hi-vis yellow
SH 5 IMP E/ELS hi-vis red	1419321		Hi-vis red
SH 5 IMP E/ELS hi-vis orange	1419309		Hi-vis 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 hi-vis yellow	2400352		Hi-vis yellow
SH 5 IMP E/ELS TH E hi-vis red	2400353		Hi-vis red
SH 5 IMP E/ELS TH E hi-vis orange	2400354		Hi-vis orange
SH 5 IMP T/TLS	1418686	ingo-man® classic 1000 ml ingo-man® plus 1000 ml	White
SH 5 IMP T/TLS hi-vis yellow	1419634		Hi-vis yellow
SH 5 IMP T/TLS hi-vis red	1419635		Hi-vis red
SH 5 IMP T/TLS hi-vis orange	1419636		Hi-vis 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 hi-vis yellow	2400355		Hi-vis yellow
SH 5 IMP T/TLS TH T hi-vis red	2400356		Hi-vis red
SH 5 IMP T/TLS TH T hi-vis orange	2400357		Hi-vis orange
SH 5 IMP Touchless	1418684	ingo-man® plus Touchless	White
SH 5 IMP Touchless hi-vis yellow	1418973		Hi-vis yellow
SH 5 IMP Touchless hi-vis red	1418975		Hi-vis red
SH 5 IMP Touchless hi-vis orange	1418974		Hi-vis 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 hi-vis yellow	2400358		Hi-vis yellow
SH 5 IMP Touchless TH T hi-vis red	2400359		Hi-vis red
SH 5 IMP Touchless TH T hi-vis orange	2400360		Hi-vis orange
SH 5 IMS E e-pro	2400259	ingo-man® smart e-pro 500 ml	White
SH 5 IMS E e-pro hi-vis yellow	2400361		Hi-vis yellow
SH 5 IMS E e-pro hi-vis red	2400362		Hi-vis red
SH 5 IMS E e-pro hi-vis orange	2400363		Hi-vis orange
SH 5 IMS E e-pro TH E	2400364	for table mounting with TH E: ingo-man® smart e-pro 500 ml	White
SH 5 IMS E e-pro TH E hi-vis yellow	2400365		Hi-vis yellow
SH 5 IMS E e-pro TH E hi-vis red	2400366		Hi-vis red
SH 5 IMS E e-pro TH E hi-vis orange	2400367		Hi-vis orange
SH 5 IMS T e-pro	2400257	ingo-man® smart e-pro 1000 ml	White
SH 5 IMS T e-pro hi-vis yellow	2400368		Hi-vis yellow
SH 5 IMS T e-pro hi-vis red	2400369		Hi-vis red
SH 5 IMS T e-pro hi-vis orange	2400370		Hi-vis orange
SH 5 IMS T e-pro TH T	2400371	for table mounting with TH T: ingo-man® smart e-pro 1000 ml	White
SH 5 IMS T e-pro TH T hi-vis yellow	2400372		Hi-vis yellow
SH 5 IMS T e-pro TH T hi-vis red	2400373		Hi-vis red
SH 5 IMS T e-pro TH T hi-vis orange	2400374		Hi-vis orange

High-visibility frames

SR

Hangs over a fitted dispenser back plate 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 dispensers	Art. No.
SR E	Hi-vis red	1420144
SR E	Hi-vis orange	1420143
SR E	Hi-vis yellow	1418674
SR E	RAL 7016 anthracite grey	1418675
	For 1000 ml dispensers	Art. No.
SR T	Hi-vis red	1420146
SR T	Hi-vis orange	1420145
SR T	Hi-vis yellow	1418676
SR T	RAL 7016 anthracite grey	1418677

For hygiene-sensitive areas:

Hi-Vis Frame –

brings attention to dispensers

Fast, easy installation – no tools required

High-visibility frames with stickers

SRL

Hangs over a fitted dispenser back plate 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 touchless dispenser”

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



	For 500 ml dispensers	Art. No.
SRL E	Hi-vis red	1420148
SRL E	Hi-vis orange	1420147
SRL E	Hi-vis yellow	1418680
SRL E	RAL 7016 anthracite grey	1418681
	For 1000 ml dispensers	Art. No.
SRL T	Hi-vis red	1420150
SRL T	Hi-vis orange	1420149
SRL T	Hi-vis yellow	1418678
SRL T	RAL 7016 anthracite grey	1418679

ingo-man® Locking plates

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

	Colour	Art. No.	For dispenser
VF IMP E A	Aluminum	2400067	ingo-man® plus 500 ml
VF IMP E P	white	1417469	
VF IMP E E	Stainless steel	1417529	
VF IMP E P hi-vis yellow	Hi-vis yellow	1418342	
VF IMP E P hi-vis orange	Hi-vis orange	1418343	
VF IMP E P hi-vis red	Hi-vis red	1418341	
VF IMP T A	Aluminum	2400064	ingo-man® plus 1000 ml
VF IMP T P	white	1417470	
VF IMP T E	Stainless steel	1417528	
VF IMP T P hi-vis yellow	Hi-vis yellow	1418345	
VF IMP T P hi-vis orange	Hi-vis orange	1418346	
VF IMP T P hi-vis red	Hi-vis red	1418344	
VF IMP E A Touchless	Aluminum	2400487	ingo-man® plus Touchless 500 ml
VF IMP T/E E Touchless	Stainless steel	1416375	
VF IMP T A Touchless	Aluminum	2400076	ingo-man® plus Touchless 1000 ml ingo-man® smart Touchless 1000 ml
VF IMP T P Touchless	white	1420267	
VF IMP T/E E Touchless	Stainless steel	1416375	
VF IMP T P Touchless hi-vis yellow	Hi-vis yellow	1418339	
VF IMP T P Touchless hi-vis orange	Hi-vis orange	1418340	
VF IMP T P Touchless hi-vis red	Hi-vis red	1418338	
VF IMS E A e-pro	Aluminum	2400195	ingo-man® smart e-pro 500 ml
VF IMS E P e-pro hi-vis yellow	Hi-vis yellow	1419282	
VF IMS E P e-pro hi-vis orange	Hi-vis orange	1419281	
VF IMS E P e-pro hi-vis red	Hi-vis red	1419280	
VF IMS T A e-pro	Aluminum	2400197	ingo-man® smart e-pro 1000 ml
VF IMS T P e-pro hi-vis yellow	Hi-vis yellow	1420268	
VF IMS T P e-pro hi-vis orange	Hi-vis orange	1420270	
VF IMS T P e-pro hi-vis red	Hi-vis red	1420269	

Soap and disinfectant dispenser, with activation lock and locking plate

IMP ELSV/TLSV A/24

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. 48

Pump: 24 Stainless steel pump, overview on p. 22 ff

Bottle: For 500 ml or 1000 ml standard Euro bottle

Dimensions: IMP TLSV W 94 x H 321 x D 230 mm

IMP ELSV W 82 x H 287 x D 223 mm

	Volume	Art. No.
IMP ELSV	500 ml	1419345
IMP TLSV	1000 ml	1417681

Prevents unauthorized use



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



WH FT



WH T

Stainless steel back plate

WH

Compatible with all ingo-man® classic, ingo-man® plus and smart dispensers, including e-pro and touchless dispensers. Back plates 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

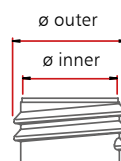
For 500 ml dispensers		Art. No.
WH E		452200
WH FE	For front removal	1414938
For 1000 ml dispensers		Art. No.
WH T		650900
WH FT	For front removal	1414940

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, 1000 ml

ER T

Plastic case, operating lever made of stainless steel, back plate compatible with ingo-man® series

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 order quantity: 1 pallet (250 pcs.)



Built-in cabinet dispenser

SPS 2 E

Without housing, stainless steel operating lever,

Pump: Stainless steel pump 25
adjustable dosage (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



THE **RX** DISPENSER SYSTEM HAND HYGIENE WHERE IT'S NEEDED

For table top, wall mounting or on stand



Touchless soap and disinfectant dispenser, 500 ml for desktop, wall mounting or on stand

RX 5 T

For disinfectant, alco-gel, soap and flowable lotions, plastic, for 500 ml Euro bottle, DHP disposable hygiene pump or plastic pump for reprocessing (see p. 24), Easy one-handed pump exchange through front, 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 or IMP K reprocessable plastic pump
Bottle:	For 500 ml Standard Euro bottle
Dimensions:	W 102 x H 269 x D 142 (158) mm without drip tray (with back plate) W 157 x H 269 x D 226 (242) mm with drip tray (with back plate)

	DHP Disposable hygiene pump, 1.5 ml/stroke	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 hi-vis yellow	With hi-vis yellow drip tray	4402279
RX 5 T DHP hi-vis yellow	With back plate for wall mounting and hi-vis yellow drip tray	4402278
RX 5 T DHP hi-vis orange	With hi-vis orange drip tray	4402271
RX 5 T DHP hi-vis orange	With back plate for wall mounting and hi-vis orange drip tray	4402270
RX 5 T DHP hi-vis red	With hi-vis red drip tray	4402275
RX 5 T DHP hi-vis red	With back plate for wall mounting and hi-vis red drip tray	4402274
DHP also available with 1.0 ml/stroke - please contact us		

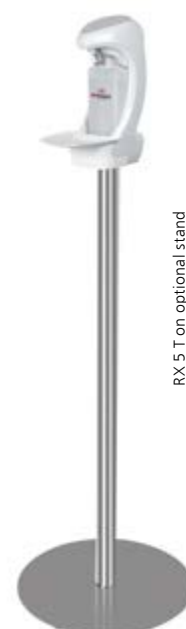


	IMP K Plastic pump, 1.0 ml/stroke	Art. No.
RX 5 T	Without drip tray	4401736
RX 5 T	With back plate for wall mounting	4401764
RX 5 T	With white drip tray	4402232
RX 5 T	With back plate for wall mounting and white drip tray	4402235
RX 5 T hi-vis yellow	With hi-vis yellow drip tray	4402239
RX 5 T hi-vis yellow	With back plate for wall mounting and hi-vis yellow drip tray	4402242
RX 5 T hi-vis orange	With hi-vis orange drip tray	4402240
RX 5 T hi-vis orange	With back plate for wall mounting and hi-vis orange drip tray	4402243
RX 5 T hi-vis red	With hi-vis red drip tray	4402238
RX 5 T hi-vis red	With back plate for wall mounting and hi-vis red drip tray	4402241
IMP K also available with 1.5 ml/stroke - please contact us		



RX 5 T with back plate

	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	1422671



RX 5 T on optional stand



Manual soap and disinfectant dispenser, 500 ml

RX 5 M

For disinfectant, alco-gel, soap and flowable lotions, plastic, with drip tray, stainless steel lever, compatible with 500 ml Euro bottle, incl. DHP Disposable hygiene pump or IMP K plastic pump for reprocessing (see p. 25), easy one-handed pump exchange through front, dosage 1.5 ml/stroke, for wall mounting, optional lock.

Pump: DHP disposable hygiene pump or IMP K reprocessable plastic pump

Bottle: For 500 ml Standard Euro bottle

Maße: W 98 (176) x H 302 x D 149 (194) mm (with drip tray)

	With DHP Disposable hygiene pump	Art. No.
RX 5 M DHP (Non-Locking)	Clear drip tray with printed instructional graphics	4402252
RX 5 M DHP (Locking)	Lockable Clear drip tray with printed instructional graphics	4402253
RX 5 M DHP (Non-Locking)	White drip tray	4401974
RX 5 M DHP (Locking)	Lockable White drip tray	4401975
RX 5 M DHP (Non-Locking)	Hi-vis yellow drip tray	4402230
RX 5 M DHP (Locking)	Lockable Hi-vis yellow drip tray	4402291
RX 5 M DHP (Non-Locking)	Hi-vis orange drip tray	4402250
RX 5 M DHP (Locking)	Lockable Hi-vis orange drip tray	4402290
RX 5 M DHP (Non-Locking)	Hi-vis red drip tray	4402228
RX 5 M DHP (Locking)	Lockable Hi-vis red drip tray	4402229



	With IMP K plastic pump	Art. No.
RX 5 M (Non-Locking)	Clear drip tray with printed instructional graphics	4402226
RX 5 M (Locking)	Lockable Clear drip tray with printed instructional graphics	4402227
RX 5 M (Non-Locking)	White drip tray	4401841
RX 5 M (Locking)	Lockable White drip tray	4401842
RX 5 M (Non-Locking)	Hi-vis yellow drip tray	4402222
RX 5 M (Locking)	Lockable Hi-vis yellow drip tray	4402223
RX 5 M (Non-Locking)	Hi-vis orange drip tray	4402224
RX 5 M (Locking)	Lockable Hi-vis orange drip tray	4402225
RX 5 M (Non-Locking)	Hi-vis red drip tray	4402220
RX 5 M (Locking)	Lockable Hi-vis red drip tray	4402221



Manual soap and disinfectant dispenser, 1000 ml

RX 10 M

- For disinfectant, alco-gel, soap and flowable lotions
- Plastic dispenser, stainless steel lever
- DHP disposable hygiene pump or IMP K plastic pump for reprocessing (see p. 25)
- Dosage 1.5 ml/stroke
- Easy one-handed pump exchange through front
- For 1000 ml Euro bottle
- For wall mounting
- Optional lockable
- Dimensions: W 111,5 (184) x H 334 x D 151 (218) mm (with drip tray)



	With DHP Disposable hygiene pump	Art. No.
RX 10 M DHP (Non-Locking)	Clear drip tray with printed instructional graphics	4402749
RX 10 M DHP (Locking)	Lockable Clear drip tray with printed instructional graphics	4402754
RX 10 M DHP (Non-Locking)	White drip tray	4402745
RX 10 M DHP (Locking)	Lockable White drip tray	4402750
RX 10 M DHP (Non-Locking)	Hi-vis yellow drip tray	4402747
RX 10 M DHP (Locking)	Lockable Hi-vis yellow drip tray	4402752
RX 10 M DHP (Non-Locking)	Hi-vis orange drip tray	4402748
RX 10 M DHP (Locking)	Lockable Hi-vis orange drip tray	4402753
RX 10 M DHP (Non-Locking)	Hi-vis red drip tray	4402746
RX 10 M DHP (Locking)	Lockable Hi-vis red drip tray	4402751

	With IMP K plastic pump	Art. No.
RX 10 M (Non-Locking)	Clear drip tray with printed instructional graphics	4402739
RX 10 M (Locking)	Lockable Clear drip tray with printed instructional graphics	4402744
RX 10 M (Non-Locking)	White drip tray	4402735
RX 10 M (Locking)	Lockable White drip tray	4402740
RX 10 M (Non-Locking)	Hi-vis yellow drip tray	4402737
RX 10 M (Locking)	Lockable Hi-vis yellow drip tray	4402742
RX 10 M (Non-Locking)	Hi-vis orange drip tray	4402738
RX 10 M (Locking)	Lockable Hi-vis orange drip tray	4402743
RX 10 M (Non-Locking)	Hi-vis red drip tray	4402736
RX 10 M (Locking)	Lockable Hi-vis red drip tray	4402741





Infection prevention and environmental awareness combined:

Dispenser systems made from renewable raw materials.

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

Prevent the spread of infection with reliable dispenser systems made from bio-based plastics. Bio-based plastics are made from renewable feedstocks and generally have a smaller environmental footprint when compared with their virgin fossil-based counterparts.

The ingo-top and ingo-hyfit dispenser systems provide reliable dosing and flexibility with various liquid types.

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 and for 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-hyfit

For liquid soap and disinfectant, refillable, 500 ml or 1000 ml, aluminum 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-hyfit E: W 75 x H 260 x D 150 mm (minimum order quantity 247 pcs.)

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

	500 ml	Art. No.
ingo-hyfit E Bio white	White top	4402140
ingo-hyfit E Bio cyan	Blue top	4402262
ingo-hyfit E Bio red	Red top	4402263
	1000 ml	Art. No.
ingo-hyfit T Bio white	White top	4402139
ingo-hyfit T Bio cyan	Blue top	4402260
ingo-hyfit T Bio red	Red top	4402261



What is the meaning of bio-based?

Bio-based plastics are derived from renewable plant-based feedstocks, examples of which include lignin (wood), cellulose, and starches.



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.

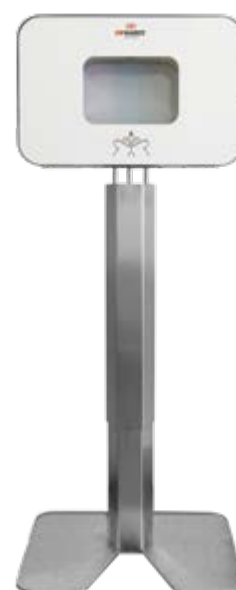
Stainless steel stand, adjustable in 5 stages from 86 to 120 cm

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	"HÄNDEDESINFEKTION" print (p. 82)	1422021
PRAESIDIO	"HAND DISINFECTION" print	3401302
PRAESIDIO	Without "Hand Disinfection" print	3401073
Stand	Adjustable height in 5 stages from 86 to 120 cm	1421051
Stand AFP	Adjustable height in 5 stages from 86 to 120 cm with anti-fingerprint-coating	1423017
	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 dispenser, 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.

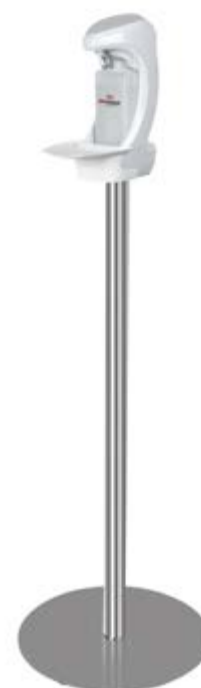
Pump: DHP disposable hygiene pump, dosage 1.5 ml/ stroke

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

Hygiene stand

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.

Stand 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	Without wheels	3400177
Disinfection Point	With wheels	3400262

Set
incl.
dispenser



Document holder



Sanitizing 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.

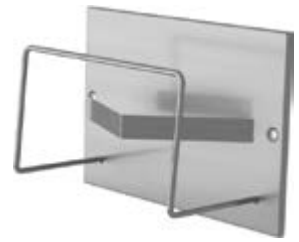
Bracket system for glove dispenser

Bracket system

ingo-man® wall brackets, stainless steel, for up to 3 glove boxes

Dimensions: 3BF: W 254 x H 510 x 110 mm
 2BF: W 254 x H 340 x 110 mm
 1BF: W 254 x H 170 x 110 mm

	Description	Art. No.
3BF	For 3 boxes	1423265
2BF	For 2 boxes	1423264
1BF	For 1 box	1423263





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® or RX dispensers directly at the "Point-of-Care":

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

We are continuously extending the available range of bracket systems for ingo-man® dispensers – matching your installation needs. Haven't found the right solution? Please contact us - we will be happy to help you:

customer@ophardt.com



Dispenser bracket for round frame

WH R2

For installing dispensers with ingo-man® back plate (IMP, IMS, RX) on patient beds or medical trolleys, even with drip trays. Without dispenser.

	Dispenser size	Art. No.
WH R2 E	500 ml	1423151
WH R2 T	1000 ml	1423152



Angle plate for round frame

WPR

For installing ingo-man® plus dispensers on patient beds, space-saving parallel mounting. Without dispenser.

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



Dispenser bracket for standard rail

WH D3

For installing dispensers with ingo-man® back plate (IMP, IMS, RX) to 25 mm standard rails, even with drip tray. Without dispenser.

	Dispenser size	Art. No.
WH D3 E 25	500 ml	1423149
WH D3 T 25	1000 ml	1423150



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. Without dispenser.

	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





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. Without dispenser.

	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. Without dispenser.

	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 back plate 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

For wall mounting, dishwasher safe. Without flow pack.

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®

Aluminum 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 aluminum housing
- Lockable
- Attractive design

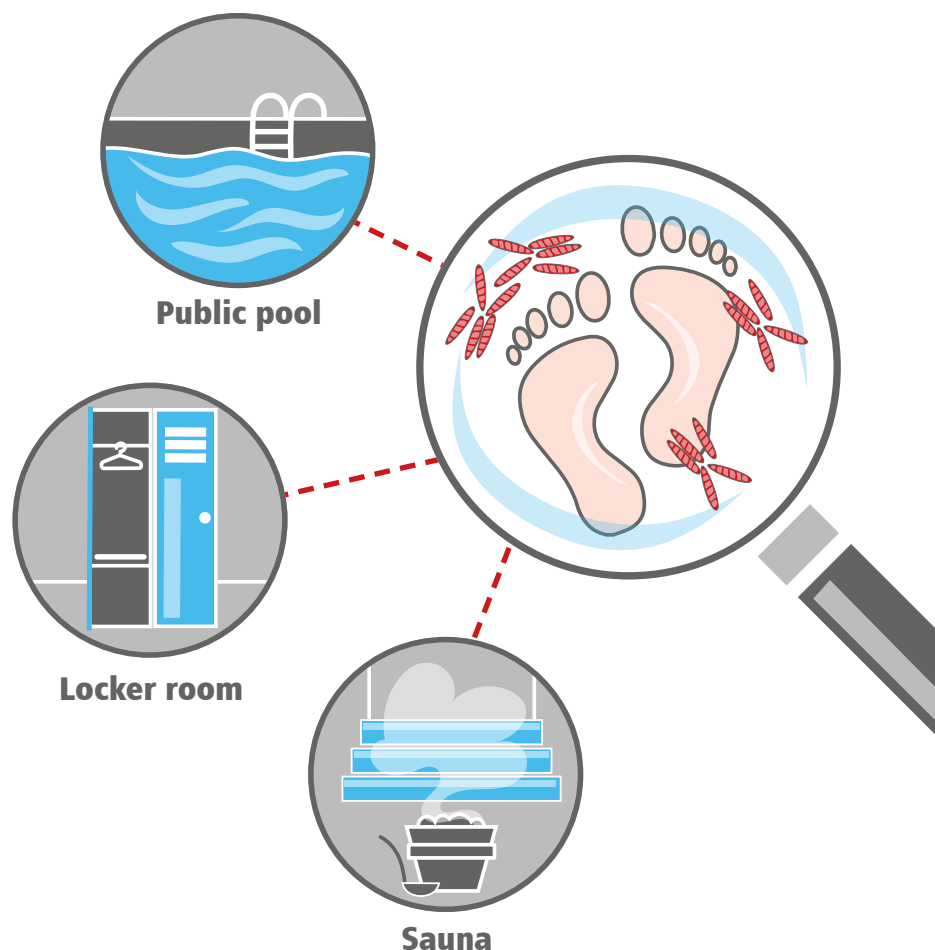
DON'T GIVE ATHLETE'S FOOT A CHANCE!

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 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: Plastic outlet with ergonomically rounded edges

Dimensions: W 275 x H 184 x D 131 mm

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



Paper towel dispenser, 750 sheets

IMP HS 31

Surface with bacteriostatic effect, lockable

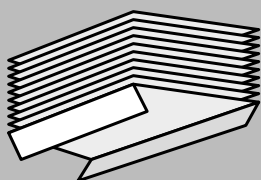
Volume: Approx. 750 sheets, standard layer fold, ZZ-fold or Interfold paper

Paper removal: Plastic outlet with ergonomically rounded edges

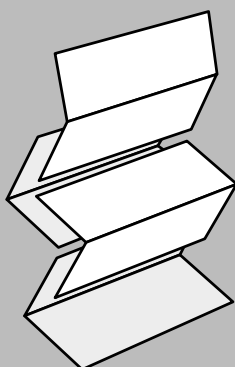
Dimensions: W 275 x H 370 x D 131 mm

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

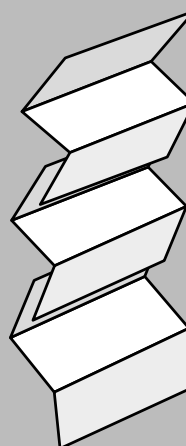
THE FOLD TYPES



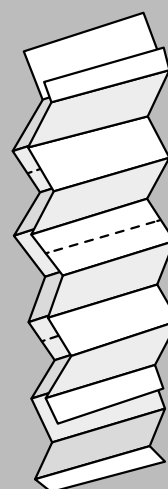
Layerfold, C-Fold



ZZ-Fold, V-Fold, Zig-Zag



Z-Fold



Interfold

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

Paper towel dispenser, 300 sheets

HS 15

Surface with bacteriostatic effect, lockable

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

Paper removal: Plastic outlet with ergonomically rounded edges

Dimensions: W 275 x H 185 x D 130 mm

	ZZ-, Z- and Layerfold	Art. No.
HS 15 A	Aluminum	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: Plastic outlet with ergonomically rounded edges

Dimensions: W 275 x H 355 x D 130 mm

	ZZ-, Z- and Layerfold	Art. No.
HS 31 A	Aluminum	778900
HS 31 P	Powder coated white	779000
HS 31 EE	Stainless steel	297100
	Z- and Interfold	Art. No.
HS 31 A Interfold	Aluminum	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: Plastic outlet with ergonomically rounded edges

Dimensions: W 275 x H 355 x D 130 mm

	ZZ-, Z- and Layerfold	Art. No.
HS 3 A	Aluminum	1416424
	Z- and Interfold	Art. No.
HS 3 A Interfold	Aluminum	2400141





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. A section integrated into the bottom of the waste bin allows for storage of bags. To replace a waste bag, simply pull from the roll at the bottom of the bin.

- ▶ 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 litre
- ▶ Soft-closing
- ▶ Clean, intuitive design
- ▶ Storage for spare rolls of plastic bags
- ▶ Bottom opening for easy insertion of a new bag from the roll
- ▶ Dimensions: W 400 x H 487 x D 170 mm (15 l)
W 420 x H 598 x D 209 mm (25 l)



	Description	Art. No.
ingo-slide 15 E AFP	Stainless steel with AFP, 15 l	1422612
ingo-slide 15 E	Stainless steel, 15 l	1422753
ingo-slide 15 P	White powder coated, 15 l	1422613
ingo-slide 15 P	“Midnight” matte black powder coated, 15 l	1422845
ingo-slide 25 E AFP	Stainless steel with AFP, 25 l	1422614
ingo-slide 25 E	Stainless steel, 25 l	1422754
ingo-slide 25 P	White powder coated, 25 l	1422615
ingo-slide 25 P	“Midnight” matte black powder coated, 25 l	1422844



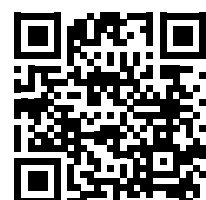
KLINIKUM
WESTMÜNSTERLAND

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

see the How-to Video



Waste bin

SK

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

Volume: 18 l, 26 l or 60 l

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



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

Waste bin

AB

Including polyester bag safe-guard, stand alone or wall mounting, removable mounting plate.

Volume: 6 l, 15 l or 36 l

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



	6 litre	Art. No.
AB 6 A	Aluminum	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 litre	Art. No.
AB 15 A	Aluminum	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 litre	Art. No.
AB 36 A	Aluminum	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: 6 l
 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 litre	Art. No.
AB 6 HB 1 A	Aluminum	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	Aluminum	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: 6 l
 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 litre	Art. No.
AB 6 HB 2 A	Aluminum	1415091
AB 6 HB 2 P	Powder coated white	1415092
AB 6 HB 2 P	Powder coated matte black „Midnight“	1423023
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: 24 l, 50 l or 70 l

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 litre	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 litre	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 litre	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: 50 l or 70 l

Dimensions: NWBR 50: W 374 x H 683 x D 376 mm

NWBR 70: W 374 x H 883 x D 376 mm



	50 litre	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 litre	Art. No.
NWBR 70 E	Stainless steel	1416592
TB 70	Plastic bags, blue, 4 x 25 pcs.	831300

NWB WASTE BINS HYGIENIC, HANDS FREE





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. Manufactured 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. 48

Pump: Pump 24, overview on p. 22 ff

Bottle: For 1000 ml Euro bottle

Dimensions: W 92 x H 334 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 853/2004) 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. 1423131
more models on page 101



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. 1418313
more models on page 105



3BF |

Bracket system for glove dispenser boxes

Stainless Steel

For three glove boxes,
also available for two boxes or one box

Dimensions:
W 254 x H 510 x D 110 mm

Art. No. 1423265
more models on page 65



SK |

Waste bin 26 or 60 litre

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 76



NWB 50 |

Waste bin with foot pedal

Stainless Steel

Self-closing, recessed lid to prevent manual
operation

W 374 x H 683 x D 376 mm

Art. No.: 1416588

more models on page 78



THE NEW STANDARD
FOR PUBLIC HYGIENE

PRAESIDIO®



Customised front for Christophorus-Kliniken, Coesfeld

- ▶ High-end, intuitive design
- ▶ Designed for public areas
- ▶ High-quality stainless steel housing
- ▶ Hygienic spray chamber
- ▶ Integrated drip tray
- ▶ 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 "HÄNDEDESINFEKTION" print	1422021
	PRAESIDIO With "HAND DISINFECTION" print	3401302
	PRAESIDIO Without "HAND DISINFECTION" print (p. 62)	3401073
▶	Optional accessories	Art. No.
	Stand Adjustable height in 5 stages from 86 to 120 cm	1421051
	Stand AFP Adjustable height in 5 stages from 86 to 120 cm with anti-fingerprint-coating	1423017
	PRAESIDIO Power supply Input AC 100-240 V - 0,35 A	4401040



PRAESIDIO with optional stand



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 certificate holders to offer professional advice on the implementation and use of hygienic dispensing systems in various professional settings.

Through the final examination, participants must 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/tuev





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

Our standard colours:

- ▶ Stainless Steel AFP
- ▶ White
- ▶ Matte Black

Advantages:

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

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

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
- ▶ Cleaning agents resistant



Quality

Five-year manufacturer's warranty for SanTRAL® and ingo-man® aluminum 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.

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

ALWAYS THE RIGHT CHOICE - SanTRAL®

The power of colours

Create a unique atmosphere that will leave users with a positive experience, thanks to the endless variety of colours offered by the **SanTRAL®** series.

We powder coat all 213 RAL Classic colours and more.



Your
Logo

Refinement through logo engraving

Use laser engraving and refine your selection from the **SanTRAL®** complete series by engraving your company logo or pictogram on the housing:

- ▶ Versatility in the type of marking
- ▶ Durable and resistant to abrasion, acid, etc.
- ▶ Contactless engraving is gentle on material
- ▶ Cost-effective due to low effort
- ▶ Environmentally friendly, as no paints, acids, solvents or other chemical additives are used

Branding: Your Logo in focus

Print your company logo on the inside of the window to strengthen your brand presence (only available for SanTRAL® products with fill level window).



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-finger-print-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

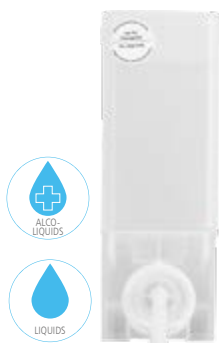
safety catch

prevents the lid striking the wall when a dispenser is opened

waste container with internal bag holder

Durable and exchangeable pumps

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



	Bulk fill container with pump, dosage approx. 1.5 ml/stroke	Art. No.
For NSU 2	For liquid soaps and disinfectant solution (S)	1423255
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	For liquid soaps and disinfectant solution (S)	1419596
Touchless		



	Bulk fill container with spray pump, dosage approx. 0.7 ml/stroke	Art. No.
For NSU 2	For disinfectant solution (D)	1423257
For NSU 5	For disinfectant solution (D)	1417076
For NSU 11	For disinfectant solution (D)	1417075
For NSU 11	For disinfectant solution (D)	1419597
Touchless		



	Bulk fill container with pump, dosage approx. 0.7 ml/stroke	Art. No.
For NSU 2	For foam soap (F)	1423256
For NSU 5	For foam soap (F)	1416478
For NSU 11	For foam soap (F)	1415327
For NSU 11	For foam soap (F)	1419598
Touchless		

Important:

OPHARDT Hygiene assumes no liability for any damages or costs that may 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.

SanTRAL®

Midnight



SanTRAL® Midnight

Elegantly showcase your washroom: The **SanTRAL®** dispenser series has a modern, stylish design that is sure to impress.



Touchless universal dispenser, 1200 ml

NSU 11 Touchless Midnight

Stainless steel powder coated matte black (RAL 9005), with fill level window, cover with safety catch, bulk fill/refillable, battery-operated, power supply with 4 D-batteries

Pump: Pump with exchangeable container

Container: PP-refillable cartridge, removable

Dimensions: W 97 x H 332 x D 167 mm

►	Stainless steel, powder coated matte black	Art. No.
NSU 11 P/S	for soap and disinfectant	1422858
Touchless Midnight		



Touchless paper towel dispenser, for paper rolls

HTU 1 Midnight

Stainless steel powder coated matte black (RAL 9005), 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

►	Stainless steel, powder coated matte black	Art. No.
HTU 1 P Midnight		1420972



Waste bin, open

EBU 50 Midnight

Stainless steel powder coated matte black (RAL 9005), with hidden waste bag holder inside, insert open, with removable frame, free-standing and wall mounting, 50 litre volume

Dimensions: W 377 x H 566 x D 251 mm

►	Stainless steel, powder coated matte black	Art. No.
EBU 50 P Midnight	Volume 50 litre	1422274

Universal dispenser, 250 ml or 600 ml

NSU Midnight

Stainless steel powder coated matte black (RAL 9005), stainless steel operating lever, with fill level window, cover with safety catch, lockable, bulk fill/refillable

Pump: Pump with exchangeable container

Container: PP-refillable cartridge, removable

Dimensions: NSU 2-2: W 97 x H 332 x D 167 mm

NSU 5: W 97 x H 286 x D 146 mm

►	Stainless steel, powder coated matte black	Art. No.
NSU 2-2 P/S Midnight	For soap and disinfectant, 250 ml	1423253
NSU 5 P/S Midnight	For soap and disinfectant, 600 ml	1421188



Paper towel dispenser, 750 sheets

HSU 31 Midnight

Stainless steel powder coated matte black (RAL 9005), lockable, with fill level window

Max. dimensions

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

Outlet type: Plastic for standard

Dimensions: W 279 x H 407 x D 211 mm

►	Stainless steel, powder coated matte black	Art. No.
HSU 31 P Midnight	Plastic outlet for layerfold, Z- and ZZ-fold	1422256



Waste bin, 50 l

ABU 50 Midnight

Stainless steel powder coated matte black (RAL 9005), with hidden waste bag holder inside, with self-closing, maintenance-free lid, free-standing and wall mounting, 50 litre volume

Dimensions: W 372 x H 681 x D 251 mm

►	Stainless steel, powder coated matte black	Art. No.
ABU 50 P Midnight	Volume 50 litre	1422237



Hygiene waste bin, 6 l

HBU 6 Midnight

Hinged lid, internal waste bag holder, integrated hygiene bag dispenser for disposal of feminine hygiene products, 6 litre volume, stainless steel powder coated matte black (RAL 9005), 2-point wall mounting, ground clearance min. 20 cm.

Dimensions: W 277 x H 329 x D 127 mm

►	Stainless steel, powder coated matte black	Art. No.
HBU 6 Midnight	Volume 6 litre	1422884



Continue reading for more **SanTRAL®** products.

**NEW
VERSION!**



**Construction and
handling now match
NSU 5 and NSU 11!**



Universal dispenser, 250 ml

NSU 2-2

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

Pump: Pump with exchangeable container, see page 90 for overview

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

Please note! The new filling container is not compatible with the old version of the dispenser.

Spare parts of the old version are available on request!

Dimensions: W 97 x H 225 x D 134 mm

	Stainless steel with anti-fingerprint-coating	Art. No.
NSU 2-2 E/S AFP	For soap and disinfectant	1423245
NSU 2-2 E/F AFP	For foam soap	1423238
NSU 2-2 E/D AFP	With spray pump	1423246
	Stainless steel, powder coated white	Art. No.
NSU 2-2 P/S	For soap and disinfectant	1423250
NSU 2-2 P/F	For foam soap	1423249
NSU 2-2 P/D	With spray pump	1423251
	Stainless steel, powder coated matte black	Art. No.
NSU 2-2 P/S Midnight	For soap and disinfectant	1423253
NSU 2-2 P/F Midnight	For foam soap	1423252
NSU 2-2 P/D Midnight	With spray pump	1423254

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, see page 90 for overview

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

Dimensions: W 97 x H 286 x D 146 mm

	Stainless steel with anti-fingerprint-coating	Art. No.
NSU 5 E/S AFP	For soap and disinfectant	1415813
NSU 5 E/F AFP	For foam soap	1415811
NSU 5 E/D AFP	With spray pump	1415815
	Stainless steel, powder coated white	Art. No.
NSU 5 P/S	For soap and disinfectant	1415814
NSU 5 P/F	For foam soap	1415812
NSU 5 P/D	With spray pump	1415816
	Stainless steel, powder coated matte black	Art. No.
NSU 5 P/S Midnight	For soap and disinfectant	1421188
NSU 5 P/F Midnight	For foam soap	1422855
NSU 5 P/D Midnight	With spray pump	1422856



fill from above

Compact soap dispenser, 700 ml

NSU 7

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

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

Container: PP-refillable cartridge, removable

Dimensions: W 142 x H 134 x D 188 mm

	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
	Stainless steel, powder coated matte black	Art. No.
NSU 7 P Midnight	For soap	1421993



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, see page 90 for overview

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
	Stainless steel, powder coated matte black	Art. No.
NSU 11 P/S Midnight	For soap and disinfectant	1421986
NSU 11 P/F Midnight	For foam soap	1422642
NSU 11 P/D Midnight	With spray pump	1422857





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, see page 90 for overview

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
	Stainless steel, powder coated matte black	Art. No.
NSU 11 Touchless P/S Midnight	For soap and disinfectant	1422858
NSU 11 Touchless P/F Midnight	For foam soap	1422860
NSU 11 Touchless P/D Midnight	With spray pump	1422861



NSU 11 Touchless video



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 97 x H 333 x D 134 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
	Stainless steel, powder coated matte black	Art. No.
NSU 12 P Midnight	For soap	1421995

Euro bottle

OP

HDPE bottle, suitable for NSU 12, refillable

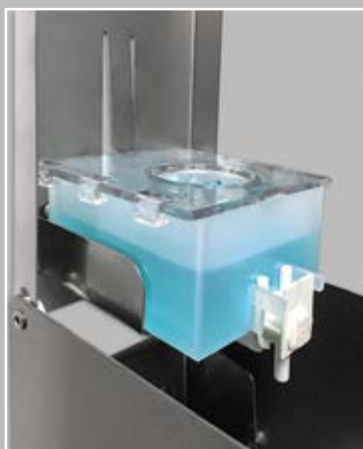
Disposable neck adapter C-28-15 (must be ordered in conjunction with NSU 12, please order separately)

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



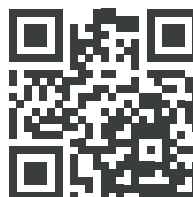
Disposable neck adapter C-28-15
 for bottles with 28 mm external
 thread (other sizes available upon
 request).

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.

NSU 12 video



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, see page 90 for overview

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

Dimensions: W 94 x H 294 x D 141 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, see page 90 for overview

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, see page 90 for overview

Container: PP-refillable cartridge, removable

Attention! The new container for the TSU 2-2 is not compatible with the old version of the dispenser.

Spare parts for the old version are available on request!

Dimensions: TSU 2-2: 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 2-2 E/D AFP	Stainless steel with anti-fingerprint-coating	1423258
TSU 2-2 P/D	Powder coated white	1423259
TSU 2-2 P/D Midnight	Powder coated matte black	1423260
	600 ml	Art. No.
TSU 5 E/D AFP	Stainless steel with anti-fingerprint-coating	1416968
TSU 5 P/D	Powder coated white	1416969
TSU 5 P/D Midnight	Powder coated matte black	1422863

TSU 2 now
lockable and with
new container





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 333 x D 197 mm

ideal for
industrial
settings



		Art. No.
NSU 30-1 E AFP	Stainless steel with anti-fingerprint-coating	1411082
NSU 30-1 P	Stainless steel, powder coated white	229100
NSU 30-1 P Midnight	Stainless steel, powder coated blacke matte	1422864

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 333 x D 197 mm

ideal for
industrial
settings



		Art. No.
NSU 30-3 E AFP	Stainless steel with anti-fingerprint-coating	1411078
NSU 30-3 P	Stainless steel, powder coated white	225300
NSU 30-3 P Midnight	Stainless steel, powder coated blacke matte	1422866

For additional dispensing options please contact us

E-Mail: customercare@ophardt.com

Tel.: +49 (0)2835 18-10

UNBEATABLE ADVANTAGES

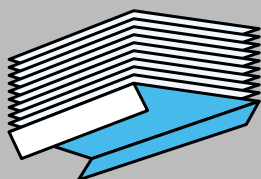
with
retainer

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

with tilt
protection

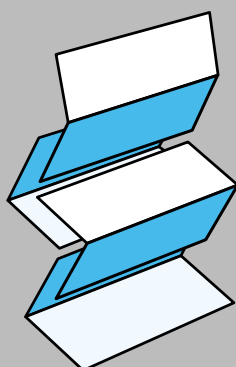
Paper remains in place:
The new tilt safeguard prevents
the paper towels from
falling out when opened.

THE FOLD TYPES



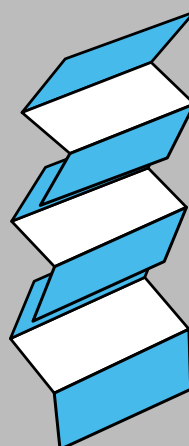
Layerfold, C-Fold

Outlet type:
Standard (recommended)
Stainless steel



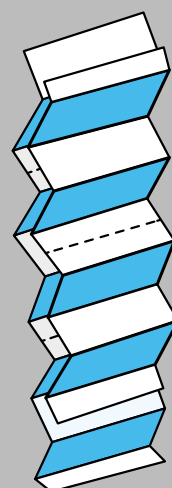
ZZ-Fold, V-Fold, Zig-Zag

Outlet type:
Standard (recommended)
Stainless steel



Z-Fold

Outlet type:
Interfold (recommended)
Stainless steel



Interfold

Outlet type:
Interfold (recommended)
Stainless steel

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

Paper towel dispenser, 250 sheets

HSU 15

With fill level window

Max. dimensions

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

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

Dimensions: W 278 x H 200 x D 132 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
	Stainless steel, powder coated matte black	Art. No.
HSU 15 P Midnight	Plastic outlet for layerfold, Z- and ZZ-fold	1421189
HSU 15 P Midnight	Plastic outlet for interfold and Z-fold	1422867
HSU 15 P Midnight	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1422868

Paper towel dispenser, 750 sheets

HSU 31

With fill level window

Max. dimensions

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

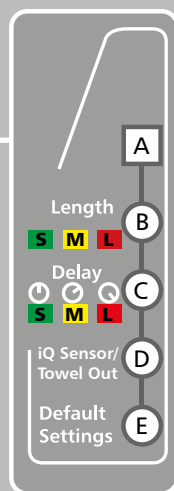
Outlet type: Plastic for standard
 Plastic for Interfold
 Stainless steel universal for standard and Interfold

Dimensions: W 278 x H 350 x D 132 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
	Stainless steel, powder coated matte black	Art. No.
HSU 31 P Midnight	Plastic outlet for layerfold, Z- and ZZ-fold	1422256
HSU 31 P Midnight	Plastic outlet for interfold and Z-fold	1422869
HSU 31 P Midnight	Stainless steel outlet for layerfold, Z-, ZZ-fold and interfold	1422870

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

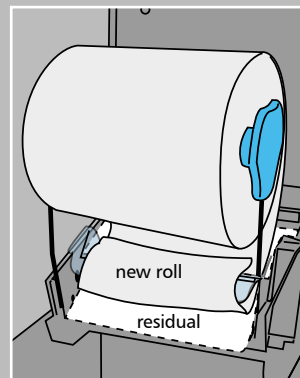
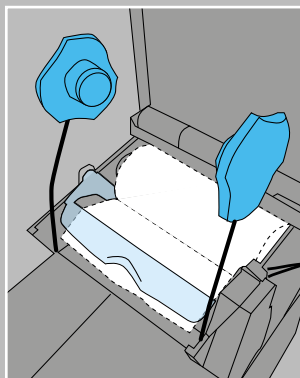
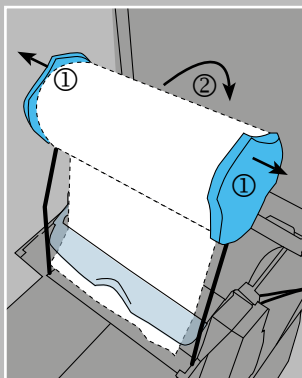
D: Mode of operation

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
HAU 1 P Midnight	Stainless steel, powder coated matte black	1421997

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 roll: 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
HTU 1 P Midnight	Stainless steel, powder coated matte black	1420972





Center pull paper towel dispenser, wall mount device

CEU 1

Wall mount device, with fill level window, lockable.

Paper type: Paper roll 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
CEU 1 P Midnight	Stainless steel, powder coated matte black	1422529

for center-pull paper rolls



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 roll with Mini Center-Pull,
max. roll diameter 140 mm, max. height 210 mm

Dimensions: W 143 x H 300 x D 117 mm

	Wall mount device	Art. No.
HRU 1 E AFP	Stainless steel with anti-fingerprint-coating	1421090
HRU 1 P	Stainless steel, powder coated white	1421091
HRU 1 P Midnight	Stainless steel, powder coated matte black	1422873





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, see page 90 for overview

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: 1200 ml/ 750 sheets

Dimensions: W 377 x H 377 x D 165 mm



CPU 2 L



CPU 2 R

	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
	Stainless steel, powder coated matte black	Art. No.
CPU 2L P/S Midnight	For liquid soap and disinfectant (S)	1423143
CPU 2L P/F Midnight	For foam soap (F)	1423144
CPU 2L P/D Midnight	For disinfectant (D)	1423145
CPU 2R P/S Midnight	For liquid soap and disinfectant (S)	1423146
CPU 2R P/F Midnight	For foam soap (F)	1423147
CPU 2R P/D Midnight	For disinfectant (D)	1423148

SIGNAGE FOR THE PUBLIC SECTOR

NEW

Unique and easy to understand pictograms, featuring 12 popular motif designs. We offer first-class workmanship thanks to our specially developed, in-house production and emission-free powder coating process.

Signage

High-quality plate made of 1 mm AISI 304 stainless steel, powder coated in AFP, white or matte black. Self-adhesive with double-sided tape from 3M.

Dimensions: W 120 x H 120 mm

Stainless steel with anti-fingerprint-coating, black print	Art. No.
Sign E AFP Gender-neutral washroom	1423186
Sign E AFP Men's / women's washrooms, right	1423188
Sign E AFP Men's / women's washrooms, left	1423187
Sign E AFP Barrier-free washroom	1423194
Sign E AFP No cell phones	1423197
Sign E AFP No smoking	1423196
Sign E AFP Shower facilities	1423195
Sign E AFP Baby changing room	1423193
Sign E AFP Women's washroom	1423190
Sign E AFP Men's washroom	1423189
Sign E AFP Women's change room	1423191
Sign E AFP Men's change room	1423192
Stainless steel, powder coated white, black print	Art. No.
Sign P White Gender-neutral washroom	1423198
Sign P White Men's / women's washrooms, right	1423200
Sign P White Men's / women's washrooms, left	1423199
Sign P White Barrier-free washroom	1423206
Sign P White No cell phones	1423209
Sign P White No smoking	1423208
Sign P White Shower facilities	1423207
Sign P White Baby changing room	1423205
Sign P White Women's washroom	1423202
Sign P White Men's washroom	1423201
Sign P White Women's change room	1423203
Sign P White Men's change room	1423204
Stainless steel, powder coated matte black, white print	Art. No.
Sign P Midnight Gender-neutral washroom	1423210
Sign P Midnight Men's / women's washrooms, right	1423212
Sign P Midnight Men's / women's washrooms, left	1423211
Sign P Midnight Barrier-free washroom	1423218
Sign P Midnight No cell phones	1423221
Sign P Midnight No smoking	1423220
Sign P Midnight Shower facilities	1423219
Sign P Midnight Baby changing room	1423217
Sign P Midnight Women's washroom	1423214
Sign P Midnight Men's washroom	1423213
Sign P Midnight Women's change room	1423215
Sign P Midnight Men's change room	1423216



Signage available in
all 3 colour variations.

Waste bin

ABU

With hidden waste bag holder inside, free-standing and wall mounting possible, with self-closing, maintenance-free lid, filling volume 18 or 50 litre.

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



	Volume 18 litre	Art. No.
ABU 18 E AFP	Stainless steel with anti-fingerprint-coating	1417450
ABU 18 P	Stainless steel, powder coated white	1417451
ABU 18 P Midnight	Stainless steel, powder coated matte black	1422886
PB 2	Plastic bags grey, 4 x 50 pcs.	506100
	Volume 50 litre	Art. No.
ABU 50 E AFP	Stainless steel with anti-fingerprint-coating	3400245
ABU 50 P	Stainless steel, powder coated white	3400246
ABU 50 P Midnight	Stainless steel, powder coated matte black	1422237
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, filling volume 18 or 50 litre.

Dimensions: EBU 18: W 275 x H 386 x D 179 mm
EBU 50: W 374 x H 566 x D 251 mm



	Volume 18 litre	Art. No.
EBU 18 E AFP	Stainless steel with anti-fingerprint-coating	1423042
EBU 18 P	Stainless steel, powder coated white	1423053
EBU 18 P Midnight	Stainless steel, powder coated matte black	1423059
PB 3	Plastic bags white, 200 pcs.	186400
	Volume 50 litre	Art. No.
EBU 50 E AFP	Stainless steel with anti-fingerprint-coating	1413896
EBU 50 P	Stainless steel, powder coated white	1413895
EBU 50 P Midnight	Stainless steel, powder coated matte black	1422274
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, filling volume 40 litre.

Dimensions: W 376 x H 677 x D 265 mm



	Volume 40 litre	Art. No.
FBU 40 E AFP	Stainless steel with anti-fingerprint-coating	1415853
FBU 40 P	Stainless steel, powder coated white	1415855
FBU 40 P Midnight	Stainless steel, powder coated matte black	1422887
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 litre volume, stainless steel with anti-fingerprint-coating or white powder coated RAL 9010, 2-point wall mounting, ground clearance min. 20 cm.

Dimensions: W 276 x H 329 x D 125 mm

	Type	Art. No.
HBU 6 E AFP	Stainless steel with anti-fingerprint-coating	1421703
HBU 6 P	Stainless steel, powder coated white	1421704
HBU 6 P Midnight	Stainless steel, powder coated matte black	1422884
	Optional accessories	Art. No.
PB 1	Plastic bags grey, 4 x 50 pcs.	461500
HYGB K	Hygienic bags, plastic, 4 x 25 pcs.	1245800



with integrated hygienic bag dispenser for plastic bags



Hygienic waste bin

HBU

For disposal of sanitary towels etc., free-standing and wall mounting possible, with hidden waste bag holder inside, filling volume 10 or 18 litre.

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 litre	Art. No.
HBU 10 E AFP	Stainless steel with anti-fingerprint-coating	1413344
HBU 10 P	Stainless steel, powder coated white	1413345
HBU 10 P Midnight	Stainless steel, powder coated matte black	1422885
PB 1	Plastic bags grey, 4 x 50 pcs.	461500
	Volume 18 litre	Art. No.
HBU 18 E AFP	Stainless steel with anti-fingerprint-coating	909700
HBU 18 P	Stainless steel, powder coated white	852600
HBU 18 P Midnight	Stainless steel, powder coated matte black	1422888
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
HB 2 P Midnight	Stainless steel, powder coated matte black	1422880
HYGB K	Plastic bags grey, 4 x 50 pcs.	1245800



HB 2 E



Toilet paper dispenser for 1 standard toilet paper roll

TRU 1

Max. roll diameter 130 mm.

Dimensions: W 130 x H 155 x D 112 mm

		Art. No.
TRU 1 E AFP	Stainless steel with anti-fingerprint-coating	1411586
TRU 1 P	Stainless steel, powder coated white	1411587
TRU 1 P Midnight	Stainless steel, powder coated matte black	1422252

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
TRU 2 P Midnight	Stainless steel, powder coated matte black	1421987

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
MRU P Midnight	Stainless steel, powder coated matte black	1422876



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 270 x D 167 mm

		Art. No.
SRU 2 E AFP	Stainless steel with anti-fingerprint-coating	3400941
SRU 2 P	Stainless steel, powder coated white	3400931
SRU 2 P Midnight	Stainless steel, powder coated matte black	1422878



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 117 mm

		Art. No.
BUU 1 E AFP	Stainless steel with anti-fingerprint-coating	1161800
BUU 1 P	Stainless steel, powder coated white	1161700
BUU 1 P Midnight	Stainless steel, powder coated matte black	1422875



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 P Midnight	Stainless steel, powder coated matte black	1422877





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 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
ERU P Midnight	Stainless steel, powder coated matte black	1421989
	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
ERU 4 P Midnight	Stainless steel, powder coated matte black	1422882

Simply unscrew
and replace brush
head on existing
stainless steel
handle



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
WBU 3 P Midnight	Stainless steel, powder coated matte black	1422001
	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
WBU 2 P Midnight	Stainless steel, powder coated matte black	1421999
	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



Clean and safe: Vandalism-proof dispenser systems for effective hand hygiene

We offer you flexibility in shape and size for all your vandalism-proof dispenser requirements. We specialize in compact dispensers with low filling volumes to meet space requirements in prisons, school washrooms, and on trains, as well as dispensers with large filling quantities for heavily frequented washrooms, in shopping centres, stadiums and long-distance rail.

To meet the highest safety requirements, our filling material containers and dosing pumps are available in a fire-retardant design, according to DIN 5510/2 and DIN 45545 standards. Dispenser housings are available in Anti-Fingerprint-Coating to maintain the highest hygiene standards.



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
 Container: PP-refillable cartridge, removable, fire retardant
 Dimensions: W 97 x H 286 x D 149 mm

	Art. No.
NSU 5 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
 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
 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 with railway standard lock

Dispenser for toilet seat disinfection, spray pump for surface disinfectants without alcohol, stainless steel lid without window, glass bead blasted surface finish, stainless steel lever, railway standard lock (RIC), 250 ml

Pump: Pump with exchangeable container, fire retardant
 Container: PP-refillable cartridge, removable, fire retardant
 Dimensions: W 97 x H 220 x D 143 mm

Improved lock function



	Art. No.
NSU 2 E/D FR GP with metal lock without window with RIC lock	1422786

Dispenser for toilet seat disinfection and fragrance, 250 ml

TDU 2 FR AFP

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
 Container: PP-refillable cartridge, removable, fire retardant
 Canned Fragrance: not included, H 36 x Ø 75.5 mm (w/o thread), 77.5 mm (threaded)
 Dimensions: W 99 x H 250 x D 179 mm



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

References



German Railway



Austrian Railway

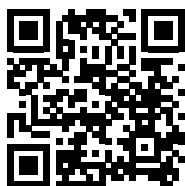


Multifunctional touchless faucet systems Water, soap and disinfectant in one unit **the untouchable™**

Our sensor-driven, multifunctional faucet dispenses water, soap and disinfectant from 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 ml - 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 untouchabletm

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



KX DESIGN SERIES

A Dispenser as unique as your brand



Introducing the compact, customizable dispenser series that has it all. Whether you need to dispense 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 features efficient touchless and manual technologies.

CUSTOMIZATION

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

FRONT

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

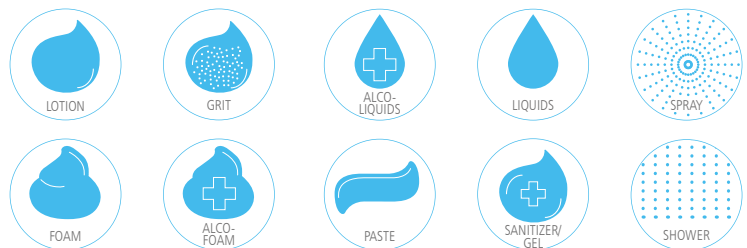
BEZEL FRAME

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



PUMPS

- The OPHARDT 38 mm pump family (overview from p. 130)
- Accurate dosing from start to finish
- Recyclable



BODY COLOUR

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





1250 ml / 1000 ml



750 ml / 500 ml

Ergonomic and easy to use

KX Manual

- ADA Compliant
 - Low-force presser
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking or non-locking cover
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- High-grade ABS plastic

	Housing	Bezel	Pump	Art. No.
KX Manual 500/750 ml	White plastic	White	X Series cartridge	KX75M-0080-C1
KX Manual 1000/1250 ml	White plastic	White	X Series cartridge	KX125M-0081-C1
KX Manual 500/750 ml	Black plastic	White	X Series cartridge	KX75M-0120-C1
KX Manual 1000/1250 ml	Black plastic	White	X Series cartridge	KX125M-0121-C1

More colour and window options available. Contact customer care at customer care@ophardt.com.



1250 ml / 1000 ml
4x D Batteries



750 ml / 500 ml
4x C Batteries

Reliable Automatic Sensing

KX Touchless

- ADA Compliant
 - Touchless operation
 - Low-profile
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking or non-locking cover
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- LED indicator light, signals operation and low battery
- Efficient energy consumption: 60,000 - 90,000 activations *
- High-grade ABS plastic

Now available with



* Dependent on viscosity, battery type and usage

	Housing	Bezel	Pump	Art. No.
KX Touchless 500/750 ml	White plastic	White	X Series cartridge	KX75T-0082-C1
KX Touchless 1000/1250 ml	White plastic	White	X Series cartridge	KX125T-0083-C1
KX Touchless 500/750 ml	Black plastic	White	X Series cartridge	KX75T-0122-C1
KX Touchless 1000/1250 ml	Black plastic	White	X Series cartridge	KX125T-0123-C1

More colour and window options available. Contact customer care at customer care@ophardt.com.

Robust and hygienic

KX Metal manual or touchless

- Anti-Fingerprint-Coating
- Hygienic welds
- High grade stainless steel
- Vandalism proof design
- ADA Compliant
 - Low-force presser or touchless operation
 - Low-profile
 - One-handed dispensing
- Fits anywhere, saves wall space
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking cover
- Windowless cover option available
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- Efficient energy consumption: 60,000 - 90,000 activations *

* Dependent on viscosity, battery type and usage



Touchless or Manual, 1250 ml / 1000 ml

	Housing	Pump	Art. No.
KX 1000 ml M E AFP	Metal with anti-fingerprint-coating	X Series cartridge	1422415
KX 1000 ml T E AFP	Metal with anti-fingerprint-coating	X Series cartridge	1422413

More window options available. Contact customer care at customer care@ophardt.com.

ACCESSORIES



SMART WiFi
connectivity



1-2-3 Dosing
switch



Wall cover plates



Plastic
drip trays



Metal
drip trays



Display stands



X Stand

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

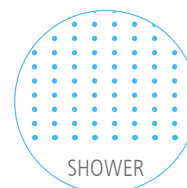
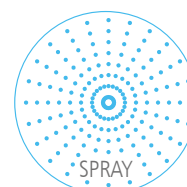
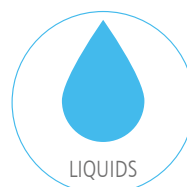
FEATURES

- 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 within the Neptune family (e.g. from manual to touchless)
- Pump engagement accepts choice of foam, alcohol, gel, lotion, grit/heavy duty soap, or spray
- Secure trick lock or key



CUSTOM COLOURS

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





Neptune
2000 ml / 1500 ml



Neptune 1000ml

Ergonomic and easy to use

Neptune Manual

- ADA Compliant
 - Low-force presser
 - Low-profile
 - One-handed dispensing
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking or non-locking cover
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- Back plate for easy mounting

	Housing	Pump	Window	Art. No.
Neptune Manual 1000 ml	White plastic	X Series cartridge	Clear	4400790
Neptune Manual 1500/2000 ml	White plastic	X Series cartridge	Frosted	1420008
Neptune Manual 1000 ml	Black plastic	X Series cartridge	Frosted	1419458
Neptune Manual 1500/2000 ml	Black plastic	X Series cartridge	Frosted	1420007

More colour and window options available. Contact customer care at customer care@ophardt.com.



Neptune 1500 ml
4x D Batteries



Neptune 1000 ml
4x C Batteries

Reliable automatic sensing

Neptune Touchless

- ADA Compliant
 - Touchless operation
 - Low-profile
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking or non-locking cover
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- LED indicator light signals operation and low battery
- Efficient energy consumption: 60,000 - 90,000 activations *
- Back plate for easy mounting

* Dependent on viscosity, battery type and usage

	Material	Pump	Window	Art. No.
Neptune Touchless 1000 ml	White plastic	X Series cartridge	Clear	1418543
Neptune Touchless 1500/2000 ml	White plastic	X Series cartridge	Frosted	1420010
Neptune Touchless 1000 ml	Black plastic	X Series cartridge	Frosted	1419459
Neptune Touchless 1500/2000 ml	Black plastic	X Series cartridge	Frosted	1420009

More colour and window options available. Contact customer care at customer care@ophardt.com.

Robust and hygienic

Neptune Metal Manual or Touchless

- Anti-fingerprint-coating
- Hygienic welds
- High grade stainless steel
- Vandalism proof design
- ADA Compliant
 - Touchless dispensing
 - Low-profile
 - One-handed dispensing
- Available lock out technology to ensure only your product fits
- Easy one handed bottle exchange
- Locking cover
- Compatible with all 38 mm X Series Cartridge pumps, see p. 130/131 for overview
- Low force dispensing
- Efficient energy consumption: 60,000 - 90,000 activations *

* Dependent on viscosity, battery type and usage



NMU, manual, 2000 ml or 1000 ml



NTU Touchless, 2000 ml or 1000 ml

	Housing	Pump	Art. No.
NMU 1000 E AFP	Metal with anti-fingerprint-coating	X Series cartridge	3401061
NTU 1000 E AFP	Metal with anti-fingerprint-coating	X Series cartridge	1419768

ACCESSORIES

1-2-3 Dosing
switchPlastic
drip traysMetal
drip trays

Display stands



X Stand

THE DISPENSING EXPERTS™

Innovators in dosing and dispensing



X PUMPS BY **OPHARDT**

CleanTip Technology™ - No drips or leaks.

Accurate dosing from start to finish.

Recyclable.

The OPHARDT 38 mm and new X10 pump family.



INNOVATORS IN DOSING AND DISPENSING

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

Whether you need accurate and consistent dispensing for 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 scenario.



WE ARE THE DISPENSING EXPERTS™

Our dispensing technologies

- CleanTip Technology™: No drips or leaks
- AIR BLAST equipped for assured dispensing of thick product
- Engagement Patents: Protects your products
- Accurate dosing, start to finish
- Reuse resistant hygiene pumps
- Recyclable pumps
- World class alco-foam
- High or low-viscosity liquid, foam, spray, shower pumps
- More than 100 standard pumps, endless solutions
- Integral lockouts

**CLEAN
TIP** 

**AIR
BLAST** 

Example**X45F15CNV-HH**

1	2	3	4	5	6	7
---	---	---	---	---	---	---

1 Pump longevity

X ...	Disposable
SP ...	Semi-permanent
P ...	Permanent

2 Bottle Neck Size

... 38 ...	38 mm
... 45 ...	45 mm

3 Output Types

... .. F ...	Foam
... .. AF ...	Alco-Foam
... .. G ...	Grit
... .. S ...	Spray
... .. SH ...	Shower
... .. LV ...	Low Viscosity Liquid (0 - 100 cPs)
... .. MV ...	Medium Viscosity Liquid (100 - 10K cPs)
... .. MHV ...	Medium High Viscosity Liquid (100 - 50K cPs)
... .. HV ...	High Viscosity Liquid (10K - 100K cPs)
... .. UHV ...	Ultra High Viscosity Liquid (> 100K cPs)

4 Dosage in ml (Upper Limit)

... .. 025 ...	0,25 ml
... .. 035 ...	0,35 ml
... .. 04 ...	0,4 ml
... .. 07 ...	0,7 ml
... .. 08 ...	0,8 ml
... .. 11 ...	1,1 ml
... .. 12 ...	1,2 ml
... .. 13 ...	1,3 ml
... .. 15 ...	1,5 ml
... .. 20 ...	2,0 ml
... .. 22 ...	2,2 ml
... .. etc ...	etc.

5 Dosing Features

... .. C ...	CleanTip
... .. AB ...	Air Blast

6 Venting

... .. V ...	Vented
... .. NV ...	Non-Vented

7 Versions

... .. - HD	Heavy Duty material resistance
... .. - SM	Single-mesh
... .. - HH	High-Heat
... .. - L	Long outlet
... .. - S	Short outlet
... .. - MS	Metal spring
... .. - Bio	Bio-based materials
... .. - PCR	Post-consumer recycled plastic
... .. - UX	Only compatible with UX / LX
... .. - San	Only compatible with SanTRAL
... .. - 1	Non-proprietary customer version
... .. - 2	Non-proprietary customer version
... .. - 3	Non-proprietary customer version
... .. - 4	Non-proprietary customer version
... .. - etc.	Other non-proprietary customer versions





X38 Alco-Foam

Precision dosage, alcohol-based foaming pumps.
Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.
Recyclable, single-use cartridge pumps without metal springs.
Dosages from 0.4-0.8 ml/stroke. Vented or non-vented options.



Family	Description	Art. No.
X38 FCB	0.4 ml non-vented	X38AF04CNV
X38 FCB	0.4 ml vented	X38AF04CV
X38 FCB	0.8 ml non-vented	X38AF08CNV
X38 FCB	0.8 ml vented	X38AF08CV

*Not all options are shown. Please contact us for other options or custom solutions.



X38 Soap Foam

Precision dosage, foaming pumps.
Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.
Dosages from 0.4-0.8 ml/stroke. Vented or non-vented options.



Family	Description	Art. No.
X38 FCB	0.4 ml non-vented	X38F04CNV
X38 FCB	0.4 ml vented	X38F04CV
X38 FCB	0.8 ml non-vented	X38F08CNV
X38 FCB	0.8 ml vented	X38F08CV

*Not all options are shown. Please contact us for other options or custom solutions.



X38 Grit

Precision dosage, heavy duty grit pumps.
Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.
Recyclable, single-use cartridge pumps without metal springs.
Dosages from 2.2 ml/stroke. Vented or non-vented options.



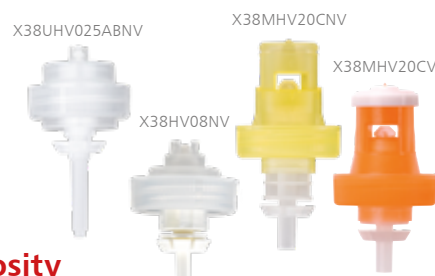
Family	Description	Art. No.
X38 Grit	2.2 ml vented	X38G22CV
X38 Grit	2.2 ml non-vented	X38G22NV
X38 Grit	2.2 ml non-vented	X38G22NV-HD
X38 Grit	2.2 ml vented	X38G22V-HD

*Not all options are shown. Please contact us for other options or custom solutions.



X38 High Viscosity

Precision dosage, high viscosity pumps.
Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.
Recyclable, single-use cartridge pumps without metal springs.
Medium High Viscosity Liquid (100 - 50K cPs)
High Viscosity Liquid (10K - 100K cPs)
Ultra High Viscosity Liquid (> 100K cPs)
Dosages from 0.25 ml/stroke. Vented or non-vented options.



Family	Description	Art. No.
X38 HV	0.25 ml non-vented	X38UHV025ABNV
X38 HV	0.8 ml non-vented	X38HV08NV
X38 HV	2.0 ml non-vented	X38MHV20CNV
X38 HV	2.0 ml vented	X38MHV20CV

*Not all options are shown. Please contact us for other options or custom solutions.



X38 Medium Viscosity

Precision dosage, medium viscosity pumps.

Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.

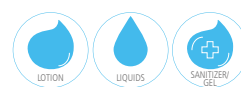
Recyclable, single-use cartridge pumps without metal springs.

Medium Viscosity Liquid (100 - 10K cPs)

Dosages from 0.8-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X38 MV	0.8 ml non-vented	X38MV08CNV
X38 MV	1.1 ml non-vented	X38MV11CNV
X38 MV	1.2 ml non-vented	X38MV12CNV
X38 MV	1.2 ml vented	X38MV12CV
X38 MV	1.5 ml non-vented	X38MV15CNV

*Not all options are shown. Please contact us for other options or custom solutions.



X38 II Family

Precision dosage, versatile pumps.

Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.

Recyclable, single-use cartridge pumps without metal springs.

Dosages from 1.3 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X38 II	1.3 ml non-vented	X38MV13NV
X38 II	1.3 ml vented	X38MV13V

*Not all options are shown. Please contact us for other options or custom solutions.



X38 Spray

Precision dosage, liquid spray pumps.

Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.

Recyclable, single-use cartridge pumps without metal springs.

Dosages from 0.25-1.2 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X38 Spray	0.25 ml vented	X38S025V-S
X38 Spray	0.8 ml non-vented	X38S08CNV
X38 Spray	1.1 ml non-vented	X38S11CNV
X38 Spray	1.2 ml vented	X38S12V

*Not all options are shown. Please contact us for other options or custom solutions.



X38 Shower

Precision dosage, liquid shower pumps.

Compatible with all Neptune and KX dispensers, and bottles with 38 mm necks.

Recyclable, single-use cartridge pumps without metal springs.

Dosages from 1.1-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X38 Shower	1.1 ml non-vented	X38SH11CNV
X38 Shower	1.2 ml vented	X38SH12V
X38 Shower	1.5 ml non-vented	X38SH15CNV

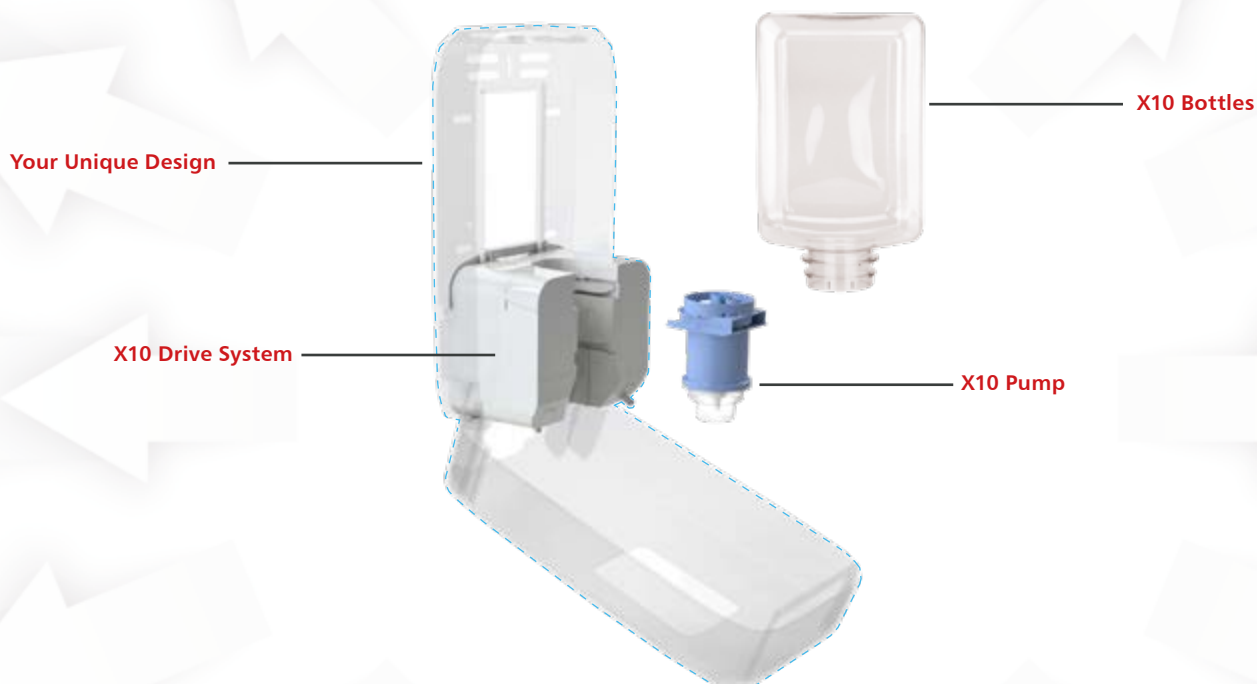
*Not all options are shown. Please contact us for other options or custom solutions.



X10 SYSTEM

THE CUSTOM DISPENSER PLATFORM

The foundation of your next dispenser system.



X10 Pumps

Stunning foam and alco-foam quality.
Snap fit connection and keyed lockouts.



Foam

Alco-Foam

Lotion

X10 Bottles

Collapsible and rigid options.
Any volume you choose.



X10 Manual & Touch Free Drive

Quiet, low-force operation,
industry leading battery life.



The X10 Experience

X10 System

At OPHARDT, we understand that your products need to have an aesthetic that is designed with your customers' needs in mind. The versatility and customization capabilities of the new OPHARDT X10 Series Pumps make them ideal for building your new dispensing system around. Our team of engineers and designers can assist in designing the perfect dispenser for your brand and provide the pumps that will deliver superior output each and every time.

Versatile dispensing

- ▶ Stunning foam & alco-foam quality
- ▶ Adjustable dosage from 0.5 ml to 1.5 ml
- ▶ Snap fit retention prevents bottle refilling
- ▶ Robust lockout system prevents dispenser stuffing
- ▶ Intended for use with rigid or collapsing PET bottles
- ▶ Patented suck-back technology prevents dripping
- ▶ Manufactured using FDA approved post-consumer recycled plastics (60% of pump mass)
- ▶ Available today for foam, alco-foam and gel products, with additional formats coming soon



**Post-Consumer
Recycled**



Made with PCR plastic,
see p. 8 for more detail

NEW

X10 PUMP SERIES

Take your dispenser to the next level





X10 Foam

Precision dosage, soap foam pumps.
For custom dispensers, and bottles with 45 mm necks.
Recyclable, single-use cartridge pumps without metal springs. 60 % post-consumer recycled plastic by mass.
CleanTip Technology™ inside.
Dosages adjustable from 0.5-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X10	0.5 ml to 1.5 ml non-vented	X45F15CNV
X10	0.5 ml to 1.5 ml non-vented	X45F15CNV-HH
X10	0.5 ml to 1.5 ml vented	X45F15CV
X10	0.5 ml to 1.5 ml vented	X45AF15CV-HH



X10 Alco-Foam

Precision dosage, alco-foam pumps.
For custom dispensers, and bottles with 45 mm necks.
Recyclable, single-use cartridge pumps without metal springs. 60 % post-consumer recycled plastic by mass.
CleanTip Technology™ inside.
Dosages adjustable from 0.5-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X10	0.5 ml to 1.5 ml non-vented	X45AF15CNV
X10	0.5 ml to 1.5 ml non-vented	X45AF15CNV-HH
X10	0.5 ml to 1.5 ml vented	X45AF15CV
X10	0.5 ml to 1.5 ml vented	X45AF15CV-HH



X10 Lotion

Precision dosage, versatile lotion pumps.
For custom dispensers, and bottles with 45 mm necks.
Recyclable, single-use cartridge pumps without metal springs. 60 % post-consumer recycled plastic by mass.
CleanTip Technology™ inside.
Dosages adjustable from 0.5-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X10	0.5 ml to 1.5 ml non-vented	X45MV15CNV
X10	0.5 ml to 1.5 ml non-vented	X45MV15CNV-HH
X10	0.5 ml to 1.5 ml vented	X45MV15CV
X10	0.5 ml to 1.5 ml vented	X45MV15CV-HH



X10 Spray

Precision dosage, liquid spray pumps.
For custom dispensers, and bottles with 45 mm necks.
Recyclable, single-use cartridge pumps without metal springs. 60 % post-consumer recycled plastic by mass.
CleanTip Technology™ inside.
Dosages adjustable from 0.5-1.5 ml/stroke. Vented or non-vented options.

Family	Description	Art. No.
X10	0.5 ml to 1.5 ml non-vented	X45S15CNV
X10	0.5 ml to 1.5 ml vented	X45S15CV



Future Possibilities

Unprecedented Versatility. Unparalleled Quality.
Contact us to learn more about the X10 platform.



BTF FOAM PUMP SERIES

Foam sweet foam



The new benchmark for bottle top foam

BTF Foam pump series

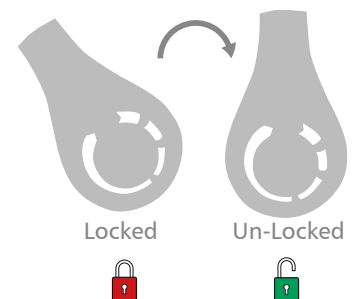
The OPHARDT Bottle Top Foam pump was built to deliver the ultimate foam experience. Whether foam or alcofoam, the BTF provides a thick, rich foam that easily spreads over hands to provide a more hygienic experience, regardless of the formula used.

CleanTip Technology™ keeps the nozzle clean after dosing to ensure that your soap or alcofoam stays on your hand and not on the floor.

Hand hygiene had never been so luxurious. Contact us for more information on the OPHARDT BTF pump.



- ▶ High air-to-solution ratio for dryer, higher quality foam than similar pumps
- ▶ 1.0 ml and 1.2 ml dosages available
- ▶ 40 mm and 43 mm threads to fit standard bottle top foam bottles
- ▶ The robust and tactile lock is resistant to accidental rotation
- ▶ Custom colours available
- ▶ The BTF can be made from FDA approved post-consumer recycled materials (up to 80% of pump mass)
- ▶ CleanTip Technology™ reduces drips or tails hanging from the nozzle
- ▶ Bottle sold separately



	Pump	Art. No
BTF 1.25 ml AFL	Alco-foam	1422077
BTF 1.25 ml FL	Foam soap	1422076



Made with PCR plastic,
see p. 8 for more detail



**Post-Consumer
Recycled**

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

PRAESIDIO® X STANDING GUARD

Remarkably hygienic


OPHARDT
HYGIENE



The new standard for public hygiene

Praesidio® X

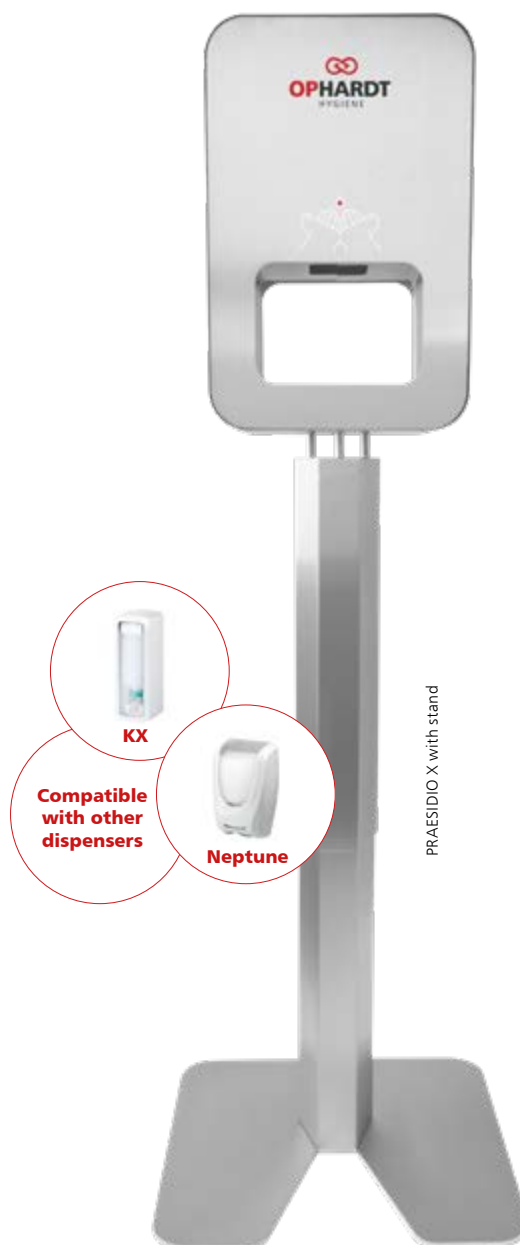
The PRAESIDIO® X's attractive design makes it the ideal candidate for hand hygiene in high-traffic public areas. This robust dispenser was designed for use with cartridge dispensing systems such as the KX, Neptune or your own. The PRAESIDIO® X can be customized with 214 powder coat colours, or add high quality images and graphics to achieve the design you are looking for. Want the Stainless Steel look? Our Anti-Fingerprint-Coating will ensure that your PRAESIDIO® X will stay clean and hygienic in any environment.

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

	Material	Art. No.
Praesidio X	Stainless steel with AFP	3401400
Stand	Stainless steel	1423036

*Not all options are shown. Please contact us for other options or custom solutions.



X STAND SANITIZING STATION

Bringing hand hygiene to where it matters most



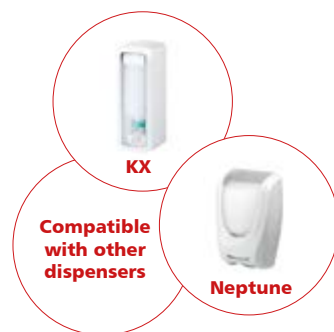
Touch free sanitizing station

X Stand

The X STAND was built to deliver convenient and precise hand hygiene solutions to high traffic areas. The sleek design is compatible with multiple OPHARDT Hygiene dispensers so that you don't have to compromise appearance while addressing hand hygiene. Whether you need hygiene at the airport, shopping mall or medical facility, the X STAND is sure to help you keep people safe, no matter the situation.

- ▶ Designed for high-traffic public areas
- ▶ Adjustable height
- ▶ Compact delivery
- ▶ Compatible with OPHARDT touchless dispensers
- ▶ Touch free dispensers sold separately
- ▶ Custom colours available

	Description	Art. No.
X Stand	Single pack grey-white stand	FS-001
X Stand	Double pack grey-white stand	FS-002
X Stand	Single pack black stand	FS-001-B
X Stand	Double pack black stand	FS-002-B
X Stand	Single pack true white	FS-001-W
X Stand	Double pack true white	FS-002-W



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

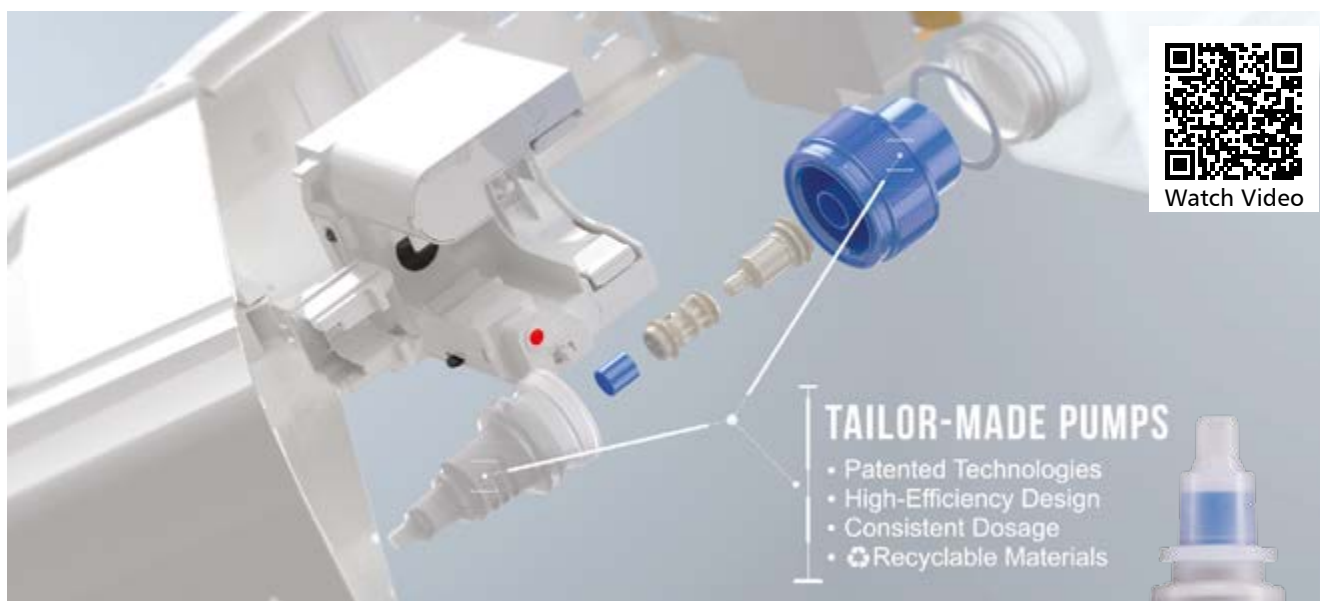
With a custom dispenser, we take all of our technology and experience and bundle it in a design that seamlessly integrates with your brand.



HIGH PERFORMANCE CUSTOM PUMPS

Our dosing technologies

Many dispensing products have unique chemical formulas that require a tailor-made pump to get the most out of your product. We work with you to integrate our innovative dispensing solutions that 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.

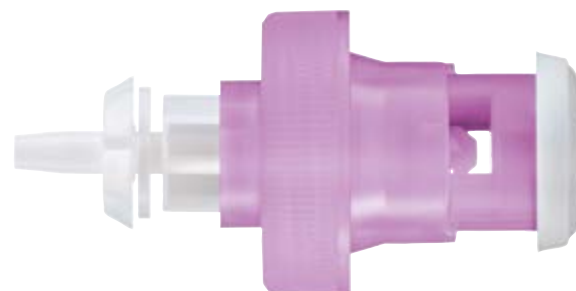


AVAILABLE FEATURES

- CleanTip Technology™: No drips or leaks
- AIR BLAST equipped for assured dispensing of thick product
- 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
- Refillable, Euro bottle, or cartridge dispensing

**CLEAN
TIP** 

**AIR
BLAST** 



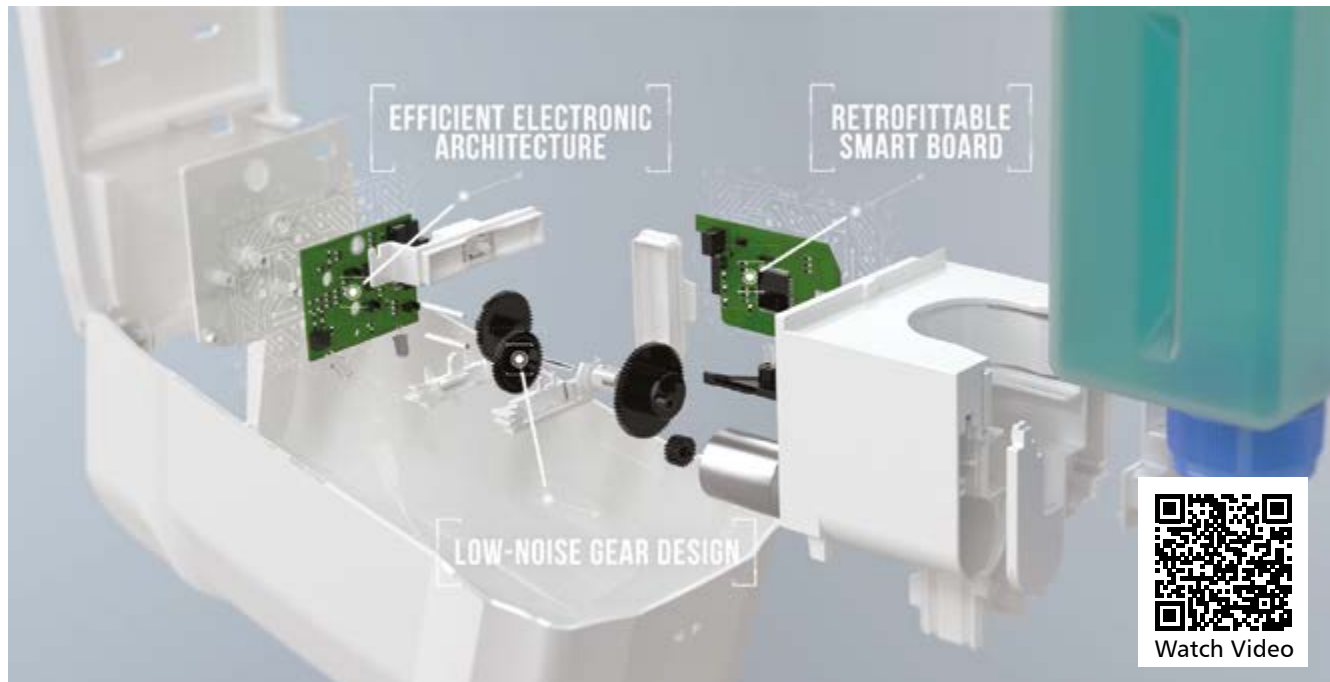
Considering OPHARDT Hygiene pumps in your dispenser? Contact our expert sales team at solutions@ophardt.com

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

Now available with



TOUCHLESS WITH OPHARDT

- Reliable, proven products
- Efficient pump and drive technologies
- Ultra-quiet
- Patented engagement technology
- Patented sensing adjustment
- 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 OPHARDT INTELLIGENT SOLUTIONS

Your IOT toolbox

OPHARDT Intelligent Solutions (OIS) suite of products can be seamlessly integrated into other hygiene systems. This includes smart devices, our IOT core, and front-end software.



Smart devices:

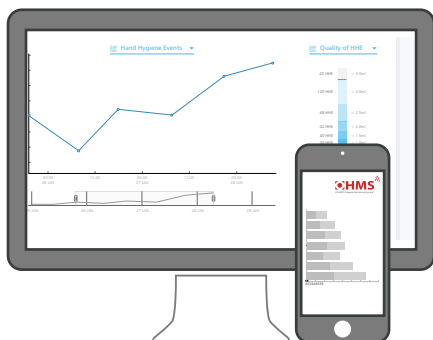
We design and manufacture smart modules, and dispensers for healthcare and washroom applications that can hook into any database.

IOT core:

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 Ophardt Washroom Monitoring System (OWMS) for accessing usage data and refill tracking.



Considering OIS 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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Information

Liability for defects and product guarantee

In general, a warranty of two years applies to all of our products. This warranty can be extended for ingo-man® smart products, dependent on licensing model. Surpassing the two-year warranty, we assume liability for defects in accordance with our General Terms and Conditions for a period of five years for SanTRAL® and ingo-man® aluminum 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 and smart devices.

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

BREAK THE CHAIN OF INFECTION



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