



Manual 2015

Dispensing systems and hygiene solutions for medical facilities

“WE WANT TO MAKE THE WORLD A MORE HYGIENIC PLACE






WHILE CONSERVING NATURAL RESOURCES FOR A SUSTAINABLE FUTURE”

Heiner Ophardt









Product features

Operation





-  Long lever for elbow operation
-  Short lever for operation by ball of the thumb
-  Extra long lever for elbow operation
-  Touchless
-  Foot operation

Paper









-  Layer fold  300 sheets
-  ZZ-Fold  750 sheets
-  Interfold
-  Sterile towel

Filling Volume

Soap dispenser

-  500 ml
-  1000 ml
-  2500 ml
-  7500 ml

Waste bins

-  6 liter  30 liter
-  15 liter  36 liter
-  18 liter  50 liter
-  26 liter  70 liter



Material

-  Aluminium, silver anodized
-  Stainless steel, ground
-  Copper impregnated anodized Aluminium
-  Aluminium, white (RAL 9010) powder coated
-  Warning colour powder coated
-  RAL colour powder coated
-  Stainless steel with Anti-Fingerprint-Coating

Filling

-  Soap and Disinfectant


Dosage

-  Foam
-  Spray

Feature

-  Counter
-  Customers Logo
-  Lock
-  Hygiene hand glove-dispenser
-  Fully automated data transfer
-  “Bottle empty” warning
-  Continuous functionality monitoring
-  “Green Technology”
-  Consumption measurement

Cleaning

-  Autoclavable
-  Dishwasherproof

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Bracket systems for ingo-man® plus dispensers



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ingo-man® plus paper towel dispensers for the medical field



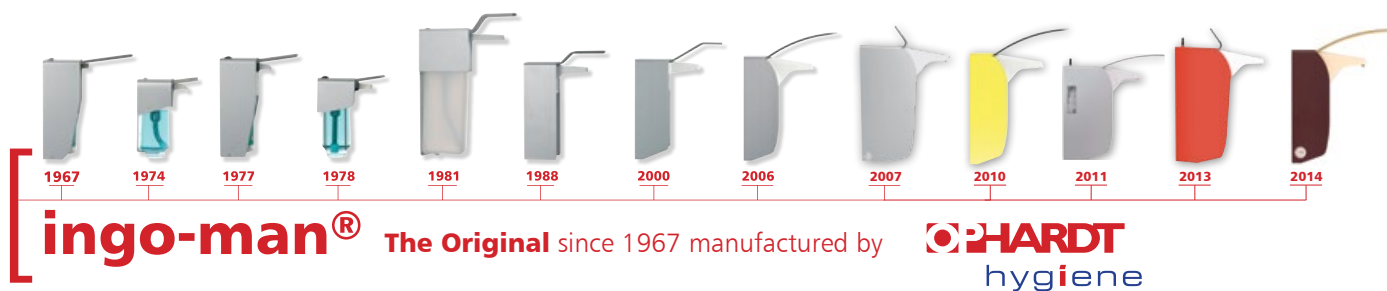
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ingo-man® plus waste bins for the medical field



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Information

Liability for defects and product guarantee

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

Return of goods

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

Printing or special powder coating

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

Customer 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



Our quality promise

For more than fifty years **OPHARDT hygiene** has been synonymous with functionality and quality in the realm of high-quality dispensing and dosage systems. In order to continue to meet the rising standards of our users in the future, we exclusively manufacture the entire ingo-man® product family from high quality, robust and durable material according to ISO standards 9001:2008.

Starting from the delivery date, we offer a **five-year manufacturer's warranty** for SanTRAL® and ingo-man® aluminium and stainless steel products* which goes beyond the legal requirement of two-year general liability for material defects, providing that the products are used as intended and with original Ophardt hygiene parts.



System solutions for the sustainable improvement of hand hygiene

Careful hand hygiene in the medical field is set to become even more important in the future in the provision of high-quality patient care. Statutory regulations play a key role in this, as will the overall increased awareness of the importance of hygiene among the population.

We are consistently taking into account higher demands on careful hand hygiene in medical facilities with our "Hygiene Compliance Solutions". The idea behind these solutions is that we offer users a comprehensively coordinated total concept to achieve their hygiene goals rather than simply offering individual products. Of course, this also includes extensive advice on the implementation of a "hand hygiene compliance" concept tailored to the needs of the medical institution. Please refer to **page 6** for more information on our system solution.



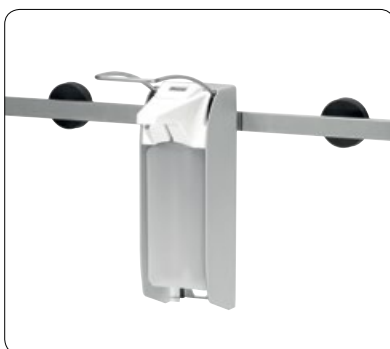
Reduction of microbial contamination

The use of copper is tried and trusted particularly in hygiene-sensitive areas as a supporting measure for the reduction of microbial contamination of surfaces. Through a specific manufacturing process, our copper hygiene solutions combine the advantages of the anti-microbial characteristics of copper with the durability and resilience of aluminium. You can find more detail on the advantages of our copper hygiene solutions on **page 28**.



Free choice of filling goods

As a user of the ingo-man® dispenser system you can choose the filling solution used in your dispenser. Being free to choose your supplier and product means independence and lowers business costs.



Encompassing accessory program

A dosage system can only be as good as the accessory program through which a dispenser is functionally fitted to the demands of its application.

Do you need a catch tray for product dripping down off users's hands or a locking plate? Are you looking for a mounting system to allow for secure installation of the ingo-man® dispenser onto a hospital cart?

With our accessory program you can individually configure your ingo-man® system, matching functionality with your needs.

*Plastic pumps are not included.

Hygiene Compliance Solutions

YOUR GUIDE TO HAND HYGIENE EXCELLENCE



Hand disinfection is the single most effective weapon against transmission of pathogens – but compliance in hospitals and clinics is often low. With this in mind and with more than 50 years of experience in the area of medical hand hygiene, we have developed our “single source” concept „*Hygiene Compliance Solutions*”.

Not just Products, but Solutions

Our approach is simple: We do not offer just individual products, but a complete concept, helping you to achieve your hygiene goals! „*Hygiene Compliance Solutions*” cover three important aspects:

- **Promoting Hand Hygiene**
- **Optimizing Availability**
- **Achieving Hygiene Goals**



Promoting Hand Hygiene

High quality products are one important requirement for sustainable hand hygiene. Offering a five year warranty, our dispensers work properly for many years. Combined bracket systems for glove and disinfectant dispensers optimize workflow, reliable touchless operation simplifies integration into daily practice, warning colours actively encourage hand disinfection.



Contactless operation increases compliance - scientifically proven.

The influence of contactless disinfectant dispensers on hand hygiene was investigated within the scope of a study at an intensive medical care ward of the university clinic in Aachen. The result: After replacing the manually actuated dispensers with contactless ingo-man® plus touchless dispensers, a significant increase in compliance, **more than 50 percent**, was observed.¹

Holder systems for glove dispensers

Hygiene experts recommend disinfecting hands before and after using examination gloves. With our holder systems, you can mount the disinfectant dispenser on the wall together with the glove dispenser, saving space. This can help you to optimise work flows and fulfil an important prerequisite for sustainable hand hygiene.



Signal colours

More frequent hand disinfection through “strong colour marking” – This principle can be observed within the context of a study in Southmead hospital, Bristol, England.³ At the entrance to a surgical ward striking coloured tape on the floor or red arrows on the walls ensure that medical personnel are more aware of the disinfectant dispenser installed there, resulting in it being significantly more frequently used.

Using the same principle, ingo-man® plus signal colour dispensers (page 18) and signal frames (page 46) achieve their “evidence-based effect” with an increase in compliance: The striking colouring reminds workers in clinics and hospitals of hygienic hand disinfection.

A study in 2013 confirmed the positive effect of signal-coloured dispensers on hand hygiene compliance. As part of the study, all of the conventional disinfection dispensers in an intensive cardiological ward with above-average hand hygiene compliance were replaced with dispenser systems in signal colours for the 12 week period of the investigation. The result: The number of hand hygiene activities in the period of the investigation did not increase. However, a factor to be considered is that during the study the staffing ratio (number of carers per patient) was significantly reduced. Against this background, if one considers the hand hygiene compliance “adjusted” by the higher workload distribution of the care personnel, then there is an increase of 6 percent.³ The use of signal colour dispensers can thus also be used as an effective instrument for further improving the hand hygiene behaviour even in areas that already have high levels of compliance.

¹ Scheithauer, S., Haefner, H., Koch, A., Lemmen, S. Increase of alcoholic hand disinfection performance due to new touchless dispensers. *Abstracts of 21st ECCMID/27th ICC* May 2011. Abstract Number: P1386.

² Davis, C.R. Infection-free surgery: how to improve hand hygiene compliance and eradicate methicillin-resistant *Staphylococcus aureus* from surgical wards. *Annals of the Royal College of Surgeons of England* 94 (4) May 2010: 316-319.

³ Scheithauer, S., Haefner, H., Schroeder, J., Lewalter, K., Krizanovic, V., Lemmen, S. P110: Influence of signal coloured hand disinfectant dispensers on compliance at an intensive care unit. *Antimicrobial Resistance and Infection Control* 2013 2(Suppl 1): P110.



Optimizing Availability

In the day to day treatment of patients, a number of factors influence whether staff in medical institutions regularly disinfect their hands in line with the recommendations of hygiene experts (“5 Moments of Hand Hygiene”). Disinfectant dispensers installed directly to the site of patient care or within reach of care staff can help this in the long run. Unnecessary detours and the time needed for hand hygiene are thus minimised and medical personnel is effectively supported to integrate hand disinfection into their daily work routines. What is more, dispenser systems that support the “Euro bottle Standard”, independent of specific manufacturers, guarantee continuous reliability of supply.

Bracket systems

Our flexible holder systems* enable you to install OPHARDT hygiene dispensers precisely where they are needed: on patient beds, on standard rails, on ward trolleys etc.



More detailed information on our ingo-man® holder systems can be found on pages 36 and 37.

Low level alarm

The new ingo-man® Weco dispensing system in conjunction with the OHMS software, informs you of the need to change a bottle “Just in time”. This means you can avoid them being empty thus sustainably optimising your operational quality management.



Low level alarm

Security of supply

With the Euro-bottle system, you have the choice: Select from a large range of products, save costs and secure your independence in the event of a pandemic.



Standard Euro bottle system

Achieving Hygiene Goals

Precisely measure, analyze and improve hand hygiene practices in hospitals. With this in mind, we have developed the new **OPHARDT Hygiene Monitoring System®** (OHMS) as your complete one-stop solution for hand hygiene monitoring. This system consists of dispensers with an integrated counter function and an efficient software solution.

Are there corridors, patient rooms or wards where dispensers are used frequently or rarely? Do you achieve your hygiene goals? Is the hand hygiene training for medical staff successful? What about hand hygiene compliance in each ward, section or in the whole medical facility?

With our new **OPHARDT Hygiene Monitoring System®** (OHMS) we provide answers to all of these questions. You will be able to identify weak points and specifically improve your quality standards, so that hand hygiene compliance can be optimized in a sustainable manner in hospitals.





ingo-man® plus Counter

Measuring

The dispenser captures every operation and measures the amount of disinfectant used. The system measures every single “hand hygiene event” without recording the individual’s identity. Furthermore, OHMS Weco® registers the exact time (“Time-stamp”), when the dispenser is operated. Our OHMS Weco® can provide information regarding the quality of hand disinfections (“adequate amount of disinfectant used?”)

The data is transmitted securely via existing WiFi network to a central server (OPHARDT HMS Weco®). In the counter only version the usage data is entered manually via a form or an app (OHMS Counter).

Analyzing

The user can then decide which periods or locations he would like to analyze and review on the system. How regularly were dispensers used in the surgical section, ward 2? What about hand hygiene practice in the Intensive Care Unit within the last six months? Behaviour can be identified precisely. The success of an intervention (e.g. training course) can be evaluated reliably.



Optimizing

Based on the analyzed data, the optimization can be undertaken to improve the hand hygiene compliance. For example, specific trainings can be offered to the medical staff or the number and locations of disinfectant dispensers can be optimized.



ingo-man plus Weco®

OHMS is part of the „Hospital of the Future“

Project at “Fraunhofer-Institutes” reveals trend-setting new development in hospital treatment

The »Hospital Engineering Laboratory« at Fraunhofer’s inHaus Center in Duisburg, Germany, brings together four Fraunhofer Institutes and over 60 partner companies to develop and test solutions that explore their vision of the hospital of the future. Covering an area of roughly 350 square meters, the laboratory offers an up-to-the-minute environment in which to carry out development and testing. It includes an operating room, patient, nurse, and doctor’s room, a rehabilitation area complete with training equipment, as well as store rooms and utility rooms.

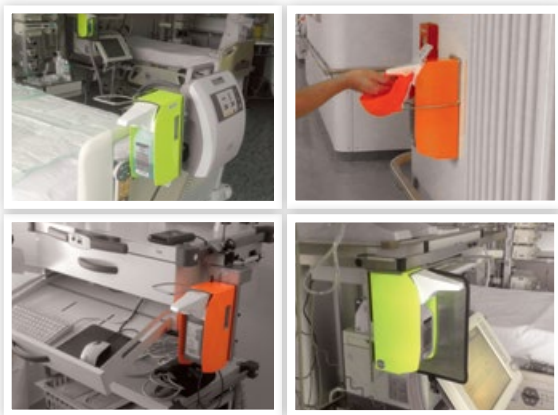
As an official partner company, OPHARDT hygiene contributes to this challenging project with the OPHARDT Hygiene Monitoring System® (OHMS) for the measuring and sustainable improvement of hand hygiene compliance.



© R. Dinkelbach/Fraunhofer



For more information visit
www.hospital-engineering.org
or please scan QR-Code



OHMS Practical Application

Since the OPHARDT Hygiene Monitoring System® was introduced to the market there has been a steady increase in the number of installations: The system currently supports nine university clinics as well as other intensive care and specialised care hospitals with the sustainable improvement of hand hygiene compliance. In doing so, OHMS is also used in the field of intensive care with its correspondingly high requirements on the practicality and reliability of the system in continuous operation.

Dr. Stefan Hagel, coordinator of the ALERTS study at the university clinic in Jena:

“We employed the OPHARDT Hygiene Monitoring System within the scope of our ALERTS study. The system delivered reliable usage data without the “observation effect”, round the clock, 365 days a year. On this basis we were able to determine the actual hand hygiene behaviour and sustainably improve the prevention of infections as an important building block.”

Also in the field of basic and regular care, increasing numbers of hospitals are impressed with the advantages of the electronic hand hygiene monitoring and are opting for an OHMS installation.

References (excerpt)





Welcome to the COMPLIANCE CAMPUS!

At the OPHARDT hygiene headquarters in Issum on the Lower Rhine, not far from Düsseldorf, we have created the Compliance Campus throughout over 500 square metres.

As "Training headquarters" for training in the area of medical hand hygiene, the Compliance Campus offers state of the art premises for training and product presentations.

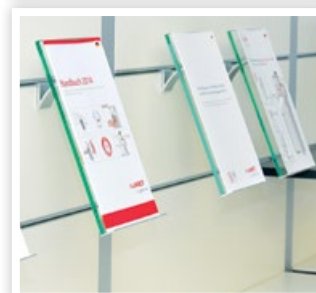
In particular this location affords us the opportunity to show our "Hygiene Compliance Solutions" in a real-world environment: From the compact holder solution through to the electronic hygiene monitoring, we present

the advantages of our system solutions for optimising hand hygiene to our visitors.

Particular target groups of the Compliance Campus are hygiene and healthcare professionals, hygienists and all professionals active in the hygiene areas of healthcare facilities.

Likewise the range is oriented towards decision-makers in healthcare as well as architects and planners who take opportunities for sustainable hygiene solutions into account in the planning, construction and operation of healthcare facilities.

For our partners, product training is undertaken in the Compliance Campus and internal events are also provided for certain employees.



Experience hand hygiene solutions live

The Compliance Campus room layout and equipment are closely related to modern treatment and patient areas in clinics and hospitals. The following areas allow for a realistic presentation of hand hygiene solutions:

- Intensive care unit
- Ambulance
- Operating theatre
- Patient room and patient bathroom
- Clean area and unclean area

Integration into daily practice

Implementing hand hygiene practices in daily routine is challenging: The compliance with the recommendations for hand washing and hand disinfection is often low.

Our system solutions are the result of more than fifty years of expertise in the field of medical hand hygiene and reflect our intensive exchange and networking with leading hospitals and clinics.

In the Compliance Campus we present practical and innovative ways how to simplify the integration of hand hygiene into the daily routines of health care workers, thus improving hand hygiene compliance sustainably.

Exchange of experience with the "hygiene community"

The Compliance Campus is a meeting place based on dialogue with hygiene specialists, nurses and carers, doctors and all who are professionally active in the hygiene sector.

Events, training and courses are planned to promote the exchange of experience within the "hygiene community" and to offer practical suggestions to improve the (hand) hygiene in healthcare facilities.

Do you have suggestions, ideas or are interested in training courses in the hygiene sector?

We would be delighted to hear from you:
compliance-campus@ophardt.com

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 Lindenau 27
 47661 Issum

Tel.: +49 28 35 18-460
www.compliance-campus.com



Optimized fixing solutions for dispenser installation directly at the "point of care".

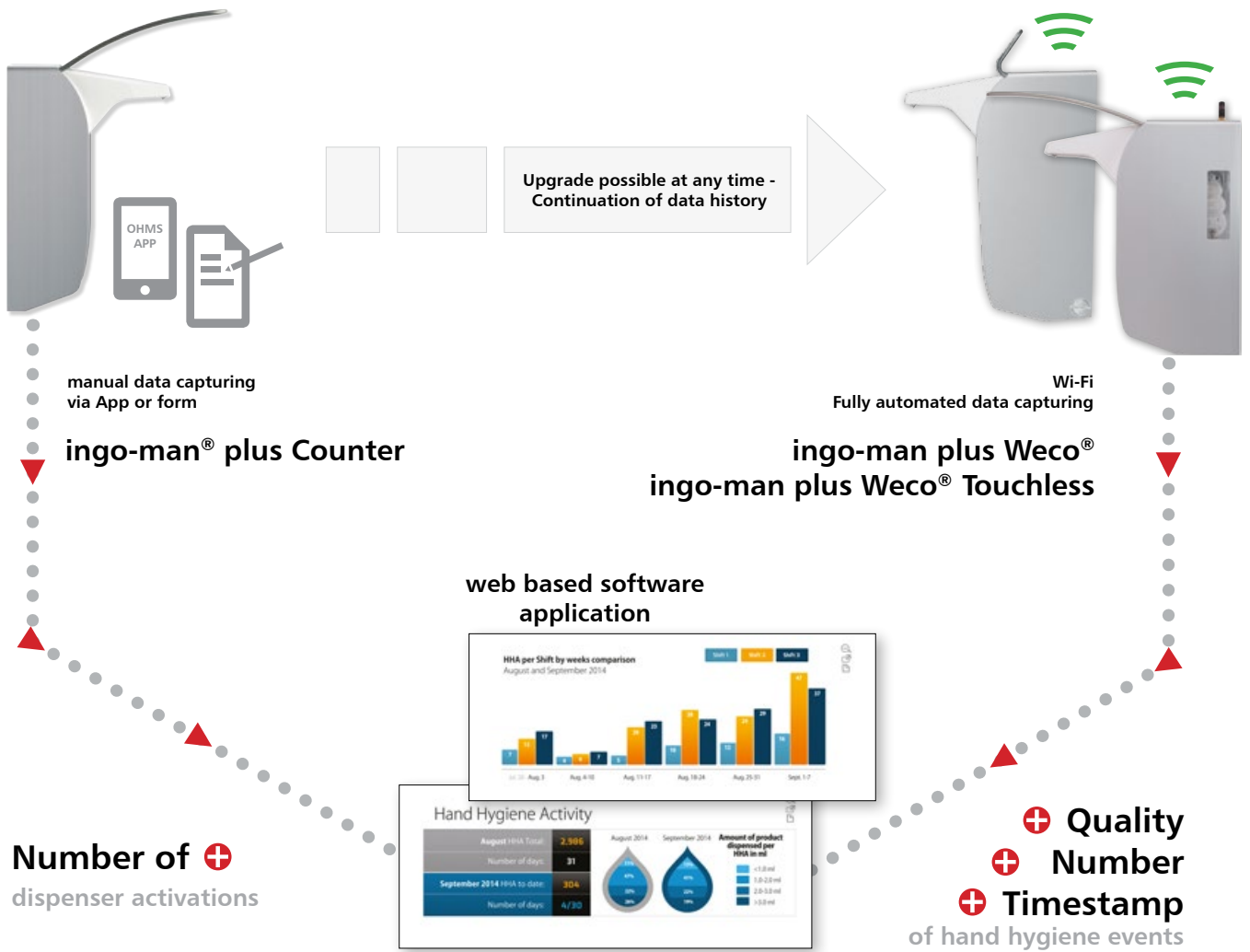


Touchless dispensing systems simplify operation, warning colours remind health care workers of the importance of hand disinfection.

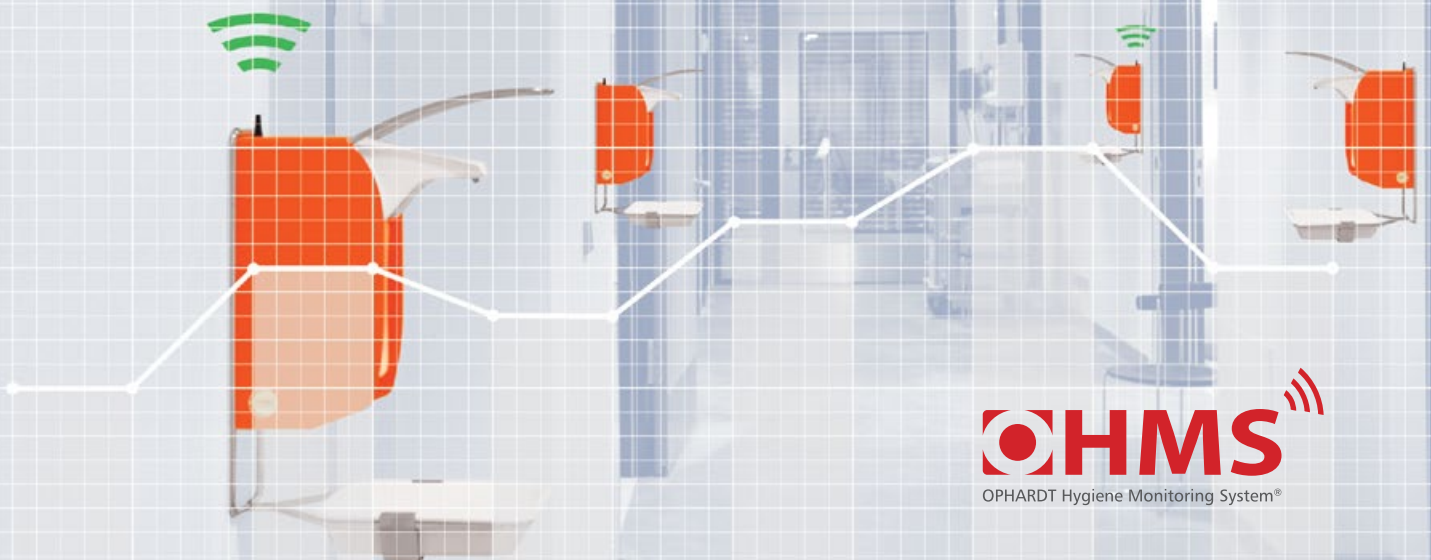


Monitoring Systems allow for the measurement and optimization of hand hygiene routines.

OPHARDT HYGIENE MONITORING SYSTEM®



MEASURABLY IMPROVING HAND HYGIENE



Dispenser for automatic measurement of hand hygiene behaviour



ingo-man plus Weco® |

Integrated counter
To measure hand hygiene behaviour
Fully automated data transfer
("WiFi") to an analysis tool
Monitoring of dispenser functionality
Continuous monitoring of dispenser functionality, with automatic notification
„Bottle empty“ warning
Automatic warning when bottle needs to be changed via OHMS software
„Green Technology“
„Green Technology“: The energy required for data transfer is generated in the dispenser by the user. No additional power supply is required. This feature is only available in manually operated ingo-man® Weco dispensers.
Consumption measurement
Indicator for hand hygiene quality
Dimensions
IMP Weco ELS: W 82 x H 280 x D 278 mm IMP Weco TLS: W 96 x H 330 x D 267 mm

	Long lever	Art.No.
	IMP ELS A/24 Weco®	1418869
	IMP TLS A/24 Weco®	1418870

Touchless dispenser for automatic measurement of hand hygiene behaviour



ingo-man plus Weco® Touchless |

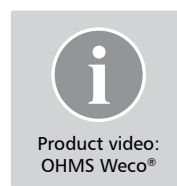
Integrated counter
To measure hand hygiene behaviour
Fully automated data transfer
("WiFi") to an analysis tool
Monitoring of dispenser functionality
Continuous monitoring of dispenser functionality, with automatic notification
„Bottle empty“ warning
Automatic warning when bottle needs to be changed via OHMS software
Consumption measurement
Indicator for hand hygiene quality
Dimensions
W 92 x H 330 x D 210 mm

	Aluminium	Art.No.
	IMP T A Weco® Touchless	4400066

OPHARDT Hygiene Monitoring System®

Precisely measure, analyze and improve hand hygiene behaviour: The OPHARDT Hygiene Monitoring System® supports medical facilities improving hand hygiene compliance.

Curious to know more? Our OHMS product video gives you an entertaining and informative insight into the advantages of electronic hand hygiene monitoring.



Effectively improve hand hygiene compliance

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

Significantly more accurate than the conventional units that have been used in everyday hospital life until now, it is now possible to record hand hygiene compliance, i.e. compliance with the recommendations for hand disinfection.

We can offer you the option of a comprehensive software tool to record, evaluate and archive the counter data read.



Soap and disinfectant dispenser 500 ml, with counter



IMP E/ELS Counter





Soap and disinfectant dispenser with counter





Dosage pump (selectable)
pump 24, overview on page 22


Filling volume
500 ml standard euro-bottle, also freely fillable

Optional accessories
see overall view on page 44-48

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

 Short lever	Art.No.
 IMP E A/24 Counter	1417455
 IMP E P/24 Counter	1417573
 IMP E E/24 Counter	1417569

 Long lever	Art.No.
 IMP ELS A/24 Counter	1417454
 IMP ELS P/24 Counter	1417584
 IMP ELS E/24 Counter	1417580

Additional product versions can be found on page 24-25 

* Autoclavable and dishwasherproof after removal of the counter. Counter is removable without tools.

Soap and disinfectant dispenser 1000 ml, with counter



IMP T/TLS Counter





Soap and disinfectant dispenser with counter





Dosage pump (selectable)
pump 24, overview on page 22


Filling volume
1000 ml standard euro-bottle, also freely fillable

Optional accessories
see overall view on page 44-48

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

 Short lever	Art.No.
 IMP T A/24 Counter	1417457
 IMP T P/24 Counter	1417613
 IMP T E/24 Counter	1417609

 Long lever	Art.No.
 IMP TLS A/24 Counter	1417456
 IMP TLS P/24 Counter	1417624
 IMP TLS E/24 Counter	1417620

Additional product versions can be found on page 24-25 

* Autoclavable and dishwasherproof after removal of the counter. Counter is removable without tools.

Touchless, permanent emergency lever



IMP Touchless |

Touchless Soap and disinfectant dispenser

Dosage pump (selectable)

IMP Touchless-Pump, overview on page 22

Filling volume

Standard Euro bottle, also freely fillable

Stainless steel emergency lever


for manual operation, e.g. when batteries are empty


Optional accessories


see overall view on page 44-48


Dimensions


W 92 x H 330 x D 210 mm


	Aluminium	Art.No.
		


	IMP T A Touchless	1415524
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	IMP E A Touchless	1415523
--	-------------------	---------


	IMP T A Touchless Mains Operated	1418061
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	IMP E A Touchless Mains Operated	1417545
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	Stainless steel	Art.No.
		

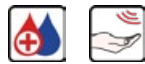
	IMP T E Touchless	1417071
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	IMP E E Touchless	1417728
--	-------------------	---------

	IMP T E Touchless Mains Operated	1417544
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	IMP E E Touchless Mains Operated	1417727
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Touchless, extendable emergency lever



IMP Touchless XT |

Touchless Soap and disinfectant dispenser with extendable emergency lever

Dosage pump (selectable)

IMP Touchless-Pump, overview on page 22

Filling volume

Standard Euro bottle, also freely fillable

Stainless steel emergency lever


for manual operation, e.g. when batteries are empty

Optional accessories


see overall view on page 44-48


Dimensions


W 92 x H 330 x D 210 mm


	Aluminium	Art.No.
		

	IMP T A Touchless XT	4400726
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	IMP E A Touchless XT	4400727
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	IMP T A Touchless XT Mains Operated	4400902
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	IMP E A Touchless XT Mains Operated	4400901
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	Stainless steel	Art.No.
		

	IMP T E Touchless XT	4400904
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	IMP E E Touchless XT	4400903
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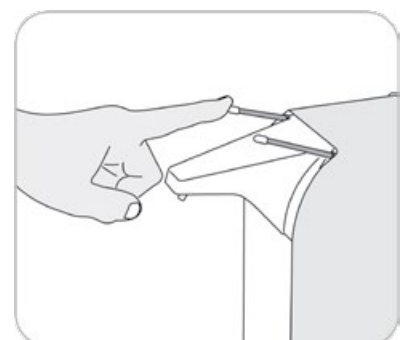
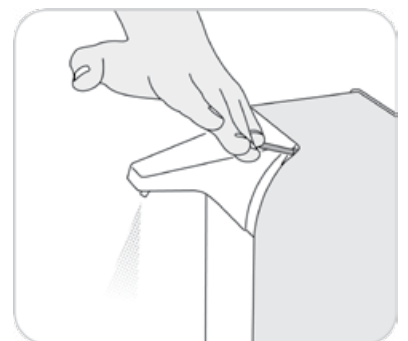
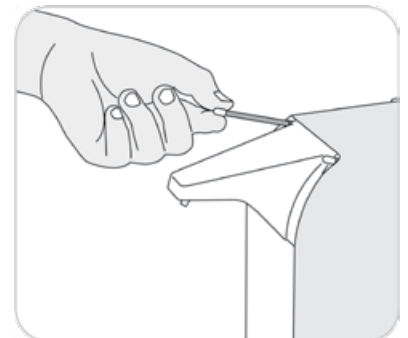
	IMP T E Touchless XT Mains Operated	4400906
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	IMP E E Touchless XT Mains Operated	4400905
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ingo-man® plus Touchless XT: Extendable emergency lever supports the touchless function

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



IMP Touchless XT A Warning Colour with extendable emergency lever



Soap and disinfectant dispenser Touchless



IMP Touchless Warning colour

Touchless soap and disinfectant dispenser, Aluminium housing

Dosage pump (selectable)

IMP Touchless-Pump, overview on page 22

Filling volume

Standard Euro bottle, also freely fillable

Stainless steel emergency lever








for manual operation, e.g. when batteries are empty

Optional accessories

see overall view on page 44-48

Dimensions

W 92 x H 330 x D 210 mm

	Aluminium	Art.No.
	IMP E P Touchless luminous bright red	1418476
	IMP E P Touchless luminous yellow	1418514
	IMP E P Touchless luminous bright orange	1418515
	IMP T P PTouchless luminous bright red	1418276
	IMP T P Touchless luminous yellow	1418274
	IMP T P Touchless luminous bright orange	1418275

Soap and disinfectant dispenser Touchless, extendable emergency lever



IMP Touchless XT Warning colour

Touchless soap and disinfectant dispenser, Aluminium housing with extendable emergency lever

Dosage pump (selectable)

IMP Touchless-Pump, overview on page 22

Filling volume

Standard Euro bottle, also freely fillable

Extendable stainless steel emergency lever








for manual operation, e.g. when batteries are empty

Optional accessories

see overall view on page 44-48

Dimensions

W 92 x H 330 x D 210 mm

	Aluminium	Art.No.
	IMP E P Touchless XT luminous bright red	4400907
	IMP E P Touchless XT luminous yellow	4400908
	IMP E P Touchless XT luminous bright orange	4400909
	IMP T P Touchless XT luminous bright red	4400910
	IMP T P Touchless XT luminous yellow	4400911
	IMP T P Touchless XT luminous bright orange	4400912

Soap and disinfectant dispenser 500 ml, Warning Colour



IMP E |

Warning colour soap and disinfectant dispenser

Dosage pump (selectable)

pump 24, overview on page 23

Filling volume

500 ml Euro-bottle, also freely fillable

Optional accessories

see overall view on page 44-48

Clip

Customers logo



Dimensions

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



Short lever

Art.No.

IMP E P/24
luminous bright red

1418091

IMP E P/24
luminous yellow

1418092

IMP E P/24
luminous bright orange

1418093



Long lever

Art.No.

IMP ELS P/24
luminous bright red

1417892

IMP ELS P/24
luminous yellow

1417890

IMP ELS P/24
luminous bright orange

1417891

Soap and disinfectant dispenser 1000 ml, Warning Colour



IMP T |

Warning colour soap and disinfectant dispenser

Dosage pump (selectable)

pump 24, overview on page 23

Filling volume

1000 ml Euro-bottle, also freely fillable

Optional accessories

see overall view on page 44-48

Clip

Customers logo



Dimensions

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



Short lever

Art.No.

IMP T P/24
luminous bright red

1418094

IMP T P/24
luminous yellow

1418095

IMP E P/24
luminous bright orange

1418096



Long lever

Art.No.

IMP TLS P/24
luminous bright red

1417889

IMP TLS P/24
luminous yellow

1417887

IMP E P/24
luminous bright orange

1417888

Hand hygiene: More Compliance by visibility

With high visibility signal colours the ingo-man® plus Warning Colour actively attracts attention – Reminding all passers-by of the importance of hygienic hand disinfection in medical establishments.

Implement visual highlights with the ingo-man® plus Warning Colour and actively promote sustainable hand hygiene in daily clinical practise.

Further information on the current study results can be found on page 7.



Product overview

ingo-man® plus / ingo-man® classic

Make the good even better, make the trusted more versatile – we have developed the ingo-man® plus product family with this objective.

The dispenser system ingo-man® plus combines the durable product quality and reliable of ingo-man® classic series with a variety of new practical possibilities and detail solutions. Use the improved dosage output and the comfortable front removal of the pump. Optimizing of hand hygiene through the optional available counter function for improvement of hand hygiene compliance.



Features	ingo-man® plus	ingo-man® classic
Available with Clip (Standard version)	✓	✓
Integrated electronic counter function available without extra charge	✓	—
Software for analyze and improvement of hand hygiene compliance	✓	—
Touchless version available	✓	—
Available with warning colour	✓	—
Use of disposable systems possible (recommended by the DGKH)	✓	—
Easy pump exchange through front removal	✓	—
Optimum fit of various different shapes and sizes of bottle through flexible sealing cap	✓	—
Presets for adjustable dosage	4	3
Stainless steel pump for <ul style="list-style-type: none"> - Liquid soaps - Disinfectants - Lotions 	✓	✓
Plastic pump for <ul style="list-style-type: none"> - Liquid soaps - Disinfectants - Lotions - Foam 	✓	✓
Spray pump (plastic) for the fine spray of alcoholic hand-disinfectants	✓	✓
	Product overview on page 24-25	Product overview on page 26-27

**Soap and disinfectant dispenser
500 ml**



IMP E/ELS |

Soap and disinfectant dispenser

Dosage pump (selectable) pump 24, overview on page 22
Filling volume 500 ml Euro-bottle, also freely fillable
Optional accessories see overall view on page 44-48
Clip Customers logo
Dimensions IMP E: W 82 x H 245 x D 160 mm IMP ELS: W 82 x H 245 x D 215 mm

Short lever	Art.No.
IMP E A/24	1417021
IMP E P/24	1417465
IMP E E/24	1417023

Long lever	Art.No.
IMP ELS A/24	1416000
IMP ELS P/24	1417467
IMP ELS E/24	1416017

Additional product versions can be found on page 24-25

**Soap and disinfectant dispenser
1000 ml**



IMP T/TLs |

Soap and disinfectant dispenser







Dosage pump (selectable) pump 24, overview on page 22
Filling volume 1000 ml Euro-bottle, also freely fillable
Optional accessories see overall view on page 44-48
Clip Customers logo
Dimensions IMP T: W 92 x H 290 x D 160 mm IMP TLs: W 92 x H 290 x D 215 mm







Short lever	Art.No.
IMP T A/24	1417022
IMP T P/24	1417466
IMP T E/24	1417024







Long lever	Art.No.
IMP TLs A/24	1415993
IMP TLs P/24	1417468
IMP TLs E/24	1415995






Additional product versions can be found on page 24-25














IMP 24 Series: Standard IMP pump!			
Superior quality long life pump. Wide range of liquid uses and autoclavable to best medical practices.			
Dosage: 0.75 ml/ 1.0 ml/ 1.2 ml/ 1.5 ml/ stroke			
Cleaning: Dishwasher safe (60° C), autoclavable (134° C)		 	
 500 ml	1416015	 1000 ml	1415843





IMP Touchless: IMP Touchless only!			
Superior quality pump with low operating forces. Wide range of liquid uses & Autoclavable to best Medical practices.			
Dosage: 0.75 ml/ 1.0 ml/ 1.2 ml/ 1.5 ml/ stroke			
Cleaning: Dishwasher safe (60° C), autoclavable (134° C)		 	
 500 ml	1417696	 1000 ml	1416896






IMP 25 Series:			
High quality long life pump. Wide range of liquid uses & Autoclavable to best Medical practices. Very good for thick soaps.			
Dosage: 0.75 ml/ 1.0 ml/ 1.2 ml/ 1.5 ml/ stroke			
Cleaning: Dishwasher safe (60° C), autoclavable (134° C)		 	
 500 ml	1417655	 1000 ml	1417652

IMP K:			
High quality long life plastic pump. Wide range of liquid uses with excellent chemical compatibility of materials used and dishwasher safe.			
Dosage: 0.7 ml/ 1.0 ml/ 1.5 ml/ stroke			
Cleaning: Dishwasher safe (60° C)			
 500 ml	1417656	 1000 ml	1417653

IMP 28 Series:			
High quality long life pump. Wide range of liquid uses & Autoclavable to best Medical practices. Very good for thick soaps. Flexible sucking tube to allow for variations in bottle and easier bottle insertion/removal in confined spaces.			
Dosage: 0.75 ml/ 1.0 ml/ 1.2 ml/ 1.5 ml/ stroke			
Cleaning: Dishwasher safe (60° C), autoclavable (134° C)		 	
 500 ml	1416002	 1000 ml	1415476

IMP F:			
High quality foam pump (15:1 air/soap ratio). Excellent chemical compatibility of materials used.			
Dosage: 0.75 ml/ stroke			
Cleaning: Dishwasher safe (60° C)			
 500 ml	1418073	 1000 ml	1418074

IMP KSP:			
High quality long life spray pump. Wide range of liquid uses with excellent chemical compatibility of materials used.			
Dosage: 1.5 ml/ stroke			
Cleaning: Manual Cleaning.			
 500 ml	1417657	 1000 ml	1417654

IMP K/D:			
 Single use pump to reduce the need for cleaning/sterilization processes. Excellent chemical compatibility of materials used.			
Minimum order quantity one box (150 pcs. per box)			
Dosage: 1.5 ml/ stroke			
Cleaning: Not necessary as the product is disposable.			
 500 ml	4400387	 1000 ml	4400390

NEW

The new disposable pump:



The disposable pump can be used with the following filling products:

1. Disinfectant
2. Soaps
3. Lotions

The pump is hygienically packaged, the protective film should be pulled off to open.

No longer necessary to clean the pump, the pump is disposed of when the bottle is replaced. Pre-packaged with 150 units per box.



Closed pump-and-bottle system



Weight-and-space-saving during disposal



For use with:
ingo-man® plus dispenser

ingo-man® plus Hygiene Packaging

Improve hygiene, optimise costs, relieve environmental burden

Optimize your hygiene standards while simultaneously reducing environmental burdens:

With the new ingo-man® plus Hygiene Packaging you can do both! The closed pump-and-bottle system protects the filling solution and optimizes the disposal costs after use through space and weight savings.

The new ingo-man® plus hygiene packaging **represents the current DGKH (German Society for Hospital Hygiene) recommendations for requirements on soap and hand disinfectant dispensers** in healthcare facilities.

The new system also impresses with recycling: Compared to conventional disposable bottle systems, there is a weight saving of around 10 percent as well as a reduction in waste volume of at least 30 percent. Thus, you can optimise your disposal costs and simultaneously relieve the burden on the environment.

Various different filling products are already available in the new ingo-man® plus hygiene packaging via our partners.
































Please contact us at:
customers-en@ophardt.com

Important:

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
































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


Product overview

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














































*IMP plus foam pump only for disposable bottle with bottleneck diameter 60 mm

**Product overview**














































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

*IMP plus foam pump only for disposable bottle with bottleneck diameter 60 mm



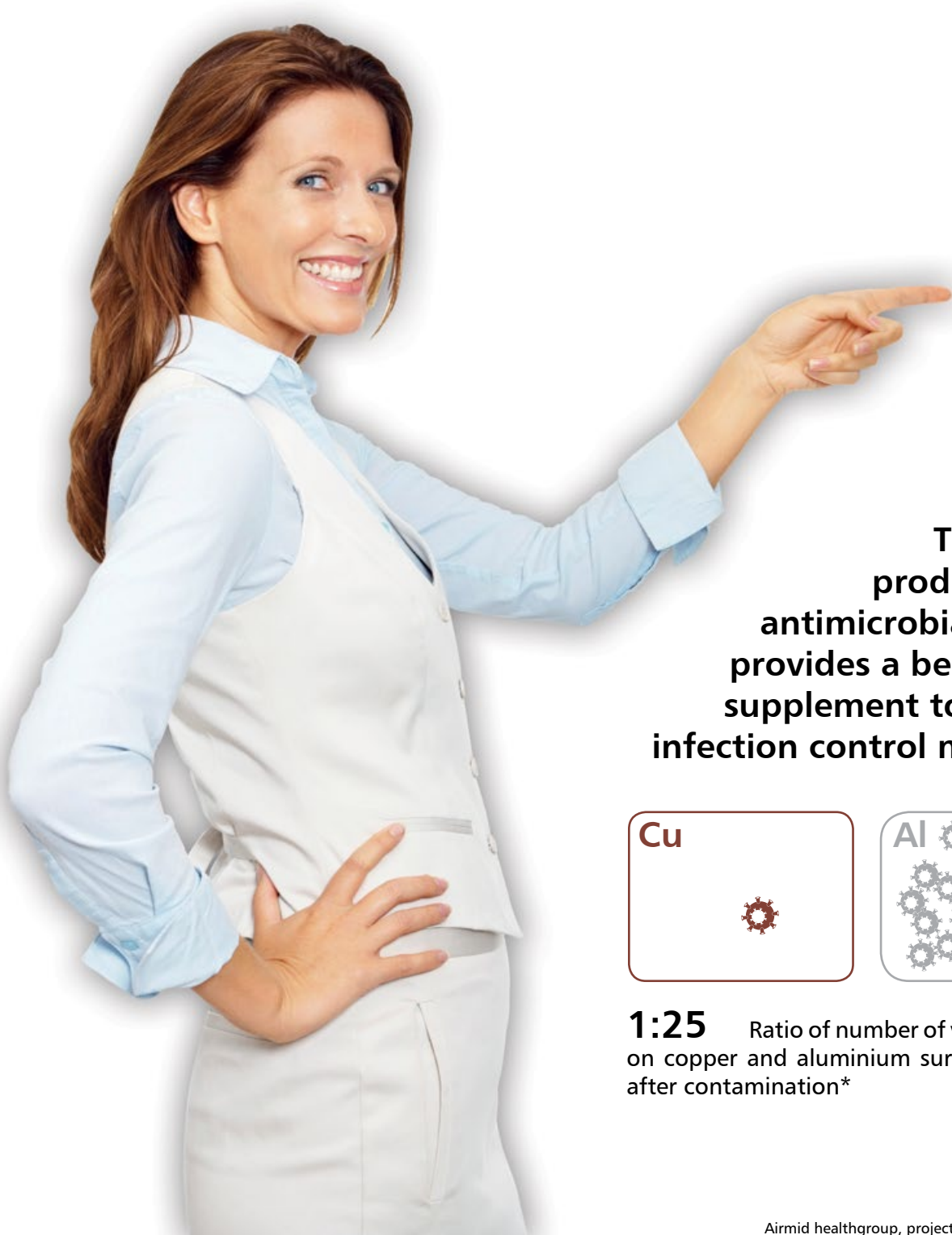
 500 ml		short operating lever	short operating lever and locking plate	long operating lever	long operating lever and locking plate	extra long operating lever
	pumps	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
	Aluminium					
	pump 25 stainless steel	E 26 A/25 1220100	EV 26 A/25 1222000	ELS 26 A/25 1115400	ELSV 26 A/25 1389900	ELSX 26 A/25 1411024
	pump 24 stainless steel	E 26 A/24 1220000	EV 26 A/24 1222100	ELS 26 A/24 1115700	ELSV 26 A/24 1411016	ELSX 26 A/24 1411023
	pump K plastic	E 26 A/K 836900		ELS 26 A/K 837300		
	foam pump F plastic	E 26 A/F 1415729		ELS 26 A/F 1413878		
	spray pump KSP plastic	E 26 A/KSP 1412576		ELS 26 A/KSP 1412585		
	powder coated					
	pump 25 stainless steel	E 26 P/25 1397900	EV 26 P/25 1398500	ELS 26 P/25 1399100	ELSV 26 P/25 1416976	ELSX 26 P/25 1413487
	pump 24 stainless steel	E 26 P/24 1397800	EV 26 P/24 1398400	ELS 26 P/24 1399000	ELSV 26 P/24 1416977	ELSX 26 P/24 1414973
	pump K plastic	E 26 P/K 1398000		ELS 26 P/K 1399200		
	foam pump F plastic	E 26 P/F 1415730		ELS 26 P/F 1413877		
	spray pump KSP plastic	E 26 P/KSP 1412577		ELS 26 P/KSP 1412586		
	stainless steel					
	pump 25 stainless steel	E 26 E/25 1410817	EV 26 E/25 1411018	ELS 26 E/25 1124100	ELSV 26 E/25 1416978	ELSX 26 E/25 1415987
	pump 24 stainless steel	E 26 E/24 1410816	EV 26 E/24 1411017	ELS 26 E/24 1124000	ELSV 26 E/24 1416979	ELSX 26 E/24 1415397
	pump K plastic	E 26 E/K 1410818		ELS 26 E/K 1123900		
	foam pump F plastic	E 26 E/F 1415895		ELS 26 E/F 1413882		
	spray pump KSP plastic	E 26 E/KSP 1412578		ELS 26 E/KSP 1412587		
	stainless steel (stainless steel bracket)					
	pump 25 stainless steel	E 26 EE/25 1411013	EV 26 EE/25 1411021	ELS 26 EE/25 1410821	ELSV 26 EE/25 1416980	ELSX 26 EE/25 1416735
	pump 24 stainless steel	E 26 EE/24 1411011	EV 26 EE/24 1411020	ELS 26 EE/24 1410820	ELSV 26 EE/24 1416981	ELSX 26 EE/24 1416961
	pump K plastic	E 26 EE/K 1411014		ELS 26 EE/K 1411015		
	foam pump F plastic	E 26 EE/F 1416982		ELS 26 EE/F 1413881		
	spray pump KSP plastic	E 26 EE/KSP 1412580		ELS 26 EE/KSP 1412588		



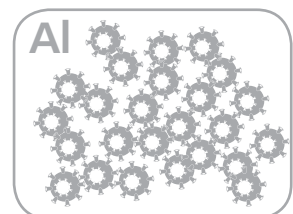
	1000 ml	short operating lever	short operating lever and locking plate	long operating lever	long operating lever and locking plate	extra long operating lever
	pumps	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
	Aluminium					
	pump 25 stainless steel	T 26 A/25 1220900	TV 26 A/25 1221300	TLS 26 A/25 1005100	TLSV 26 A/25 1390000	TLSX 26 A/25 1410864
	pump 24 stainless steel	T 26 A/24 1220200	TV 26 A/24 1221200	TLS 26 A/24 1114300	TLSV 26 A/24 1410980	TLSX 26 A/24 1410997
	pump K plastic	T 26 A/K 424200		TLS 26 A/K 835800		
	foam pump F plastic	T 26 A/F 1415731		TLS 26 A/F 1413880		
	spray pump KSP plastic	T 26 A/KSP 1412593		TLS 26 A/KSP 1412429		
	powder coated					
	pump 25 stainless steel	T 26 P/25 1398200	TV 26 P/25 1410989	TLS 26 P/25 1398800	TLSV 26 P/25 1416970	TLSX 26 P/25 1414545
	pump 24 stainless steel	T 26 P/24 1398100	TV 26 P/24 1410988	TLS 26 P/24 1398700	TLSV 26 P/24 1416971	TLSX 26 P/24 1416847
	pump K plastic	T 26 P/K 1398300		TLS 26 P/K 1398900		
	foam pump F plastic	T 26 P/F 1415732		TLS 26 P/F 1413879		
	spray pump KSP plastic	T 26 P/KSP 1412594		TLS 26 P/KSP 1412602		
	stainless steel					
	pump 25 stainless steel	T 26 E/25 1408600	TV 26 E/25 1409800	TLS 26 E/25 1123600	TLSV 26 E/25 1416972	TLSX 26 E/25 1415342
	pump 24 stainless steel	T 26 E/24 1410981	TV 26 E/24 1410991	TLS 26 E/24 1123500	TLSV 26 E/24 1416973	TLSX 26 E/24 1414844
	pump K plastic	T 26 E/K 1410982		TLS 26 E/K 1123300		
	foam pump F plastic	T 26 E/F 1415896		TLS 26 E/F 1413884		
	spray pump KSP plastic	T 26 E/KSP 1412595		TLS 26 E/KSP 1412603		
	stainless steel (stainless steel bracket)					
	pump 25 stainless steel	T 26 EE/25 1410985	TV 26 EE/25 1410995	TLS 26 EE/25 1410968	TLSV 26 EE/25 1416974	TLSX 26 EE/25 1414383
	pump 24 stainless steel	T 26 EE/24 1410984	TV 26 EE/24 1410994	TLS 26 EE/24 1410978	TLSV 26 EE/24 1416975	TLSX 26 EE/24 1415046
	pump K plastic	T 26 EE/K 1410986		TLS 26 EE/K 1410979		
	foam pump F plastic	T 26 EE/F 1416983		TLS 26 EE/F 1413885		
	spray pump KSP plastic	T 26 EE/KSP 1412596		TLS 26 EE/KSP 1412604		

Copper Hygiene Solutions

Reduction of Microbial Contaminants



The use of products with antimicrobial copper provides a benefit as a supplement to existing infection control measures.



1:25 Ratio of number of viable bacteria on copper and aluminium surface 24 hours after contamination*

*Test: ISO 22196:2011
Airmid healthgroup, project number ASCR092028

Soap and Disinfectant Dispenser

Copper impregnated anodized aluminium with brass lever to reduce germs

Long operating lever

Exchangeable stainless steel pump 24 with bent suction tube

Different dosage adjustments

Dimensions: W 82 x H 245 x D 215 mm (IMP ELS)

W 92 x H 290 x D 215 mm (IMP TLS)

IMP ELS A Copper | 500 ml

Art. No. 4400897

IMP TLS A Copper | 1000 ml

Art. No. 4400898



Paper Towel Dispenser

Copper impregnated anodized aluminium to reduce germs

For ZZ- or layer-folded paper towels

Metal front cover with viewing slit

With lock and key

Dimensions: W 275 x H 186 x D 130 mm (HS 15)

W 275 x H 372 x D 130 mm (HS 31)

IMP HS 15 A Copper | 250 Blatt

Art. No. 2400326

IMP HS 31 A Copper | 750 Blatt

Art. No. 2400329

IMP HS 31 A Interfold Kupfer | 750 Blatt

Art. No. 1420237



Waste Bin

Copper impregnated anodized aluminium to reduce germs

Closed waste bin with hinged lid

6 liter volume

Plastic bag securing system, removable metal wall bracket for wall mounting

Dimensions: W 215 x H 300 x D 155 mm

ingo-man® AB 6 A Copper |

Art. No. 2400309



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



**Soap and disinfectant dispenser
500 ml**




LCP E



LCP E |

Soap and disinfectant dispenser, with ingo-man® backplate

Dosage pump
K plastic pump, 3 dosage adjustments (max. 1.5 ml/ stroke)
Filling
for standard Euro-bottles, refillable
Operating lever
stainless steel for elbow operation
Optional accessories
transparent clear locking plate (VS)
Dimensions
LCP E: W 91 x H 335 x D 181 mm

 Filling volume	Art. No
500 ml	

LCP E	1413675
VS LCP E locking plate	1416315

**Soap and disinfectant dispenser
1000 ml**




LCP T with VS



LCP T |

Soap and disinfectant dispenser, with ingo-man® backplate

Dosage pump
K plastic pump, 3 dosage adjustments (max. 1.5 ml/ stroke)
Filling
for standard Euro-bottles, refillable
Operating lever
stainless steel for elbow operation
Optional accessories
transparent clear locking plate (VS)
Dimensions
LCP T: W 99 x H 370 x D 183 mm

 Filling volume	Art. No
1000 ml	

LCP T	1413955
VS LCP T locking plate	1416316


**Soap and disinfectant dispenser
1000 ml**




D 10 I |

Aluminium backplate for standard Euro-bottles with bottle neck thread outside diameter 22 - 60 mm, lockable

Dosage pump
Plastic pump for soaps, disinfectant and lotions. 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml/Hub)
Filling
for standard Euro-bottles, refillable
Operating lever
Plastic
Backplate
Integrated Aluminium backplate
Dimensions
W 96 x H 315 x D 150 mm

 Filling volume	Art. No
1000 ml	

D 10 I	888532
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 Filling volume	Art. No
500 ml	

D 10 I with conversion kit to 500 ml	1419326
--------------------------------------	---------


**Soap and disinfectant dispenser
1000 ml, lockable**



ER T | with locking kit

Soap and disinfectant dispenser with locking kit, backplate compatible with ingo-man®

Dosage pump
Plastic pump for soaps, disinfectant and lotions. 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml/ stroke)
Filling
for standard Euro-bottles, refillable
Operating lever
Stainless steel
Optional accessories
locking kit
Dimensions
W 100 x H 381 x D 158 mm

 Filling volume 1000 ml	Art. No
ER T white	4400702
ER T black	4400703
ER T blue	4400704
ER T red	4400705
ER T green	4400706

*Minimum purchase 1 pallet (250 pcs.)


**Soap and disinfectant dispenser
1000 ml**



ER T |

Soap and disinfectant dispenser, backplate compatible with ingo-man®

Dosage pump
Plastic pump for soaps, disinfectant and lotions. 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml/ stroke)
Filling
for standard Euro-bottles, refillable
Operating lever
Stainless steel
Dimensions
W 100 x H 381 x D 158 mm

 Filling volume 1000 ml	Art. No
ER T white	4400450
ER T black	4400469
ER T blue	4400470
ER T red	4400471
ER T green	4400486

*Minimum purchase 1 pallet (250 pcs.)

Durable plastic dispenser - compatible with Euro-bottle

Robust plastic housing combined with sturdy stainless steel operating lever. This enables a particularly hygienic operation thanks to its small contact area thus reducing the risk of cross-contamination. The multi-adjustable dispensing quantity and the compatibility with the Euro-bottle standard endorse this dispensing system for the reliable dosing of all commercially available liquid soaps and disinfectants.



Soap and disinfectant dispenser with activation lock



IMP TLSV Activation lock

Lockable Soap and disinfectant dispenser

Place of application

especially suitable for use where there is a high danger of addiction in children's wards, psychiatric wards and retirement homes

Activation lock and locking plate

to prevent unauthorized use

Dosage pump (selectable)

pump 24, overview on page 22

Filling volume

1000 ml standard Euro-bottle, also freely fillable

Long lever

stainless steel, for elbow operation

Optional accessories

see overall view on page 44-48

Dimensions

W 92 x H 290 x D 215 mm

Type	Art.No.
------	---------

IMP TLSV activation lock with locking plate	1417681
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Touchless door contact dispenser



IMP Touchless TK A/25

Soap and disinfectant dispenser with contact switching: Door opens after dispenser actuation

Dosage pump

IMP Touchless pump, overview on page 22

Filling

for standard Euro-bottles, free filling choice

Stainless steel emergency lever

for manual operation, e.g. when batteries are empty

Optional accessories

see overall view on page 44-48

Place of application

ideal for hospitals and medical domains

Dimensions

W 94 x H 320 x D 255 mm

Aluminium	Art.Nr.
-----------	---------

IMP E A Touchless TK Mains Operated	4400696
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IMP T A Touchless TK Mains Operated	4400876
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Door contact dispenser 1000 ml



TLS 26 TK A/25

soap and disinfectant dispenser with door contact: door opens when the lever is operated

Dosage pump

pump 25, stainless steel, straight suction tube

Filling

for standard Euro-bottles, free filling choice

Operating lever

stainless steel for elbow operation

Optional accessories

locking plate with lock and key (p.47)

Place of application

ideal for hospitals and medical domains

Dimensions

W 94 x H 320 x D 255 mm

Aluminium	Art. No.
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TLS 26 TK A/25	1411000
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Door opening when dispenser actuated

Potential-free switching contacts

Simple installation, reliable function

Further information and installation instructions: customers@ophardt.com

Disinfection Point



Hygiene Station





Mobile Hygiene Stand



Disinfection Point |

Ready for installation of a ingo-man® plus dispenser

Floor-plate	Extra heavy floor-plate with rubber feet ensures a safe and solid stand The disinfection point with wheels is outfitted with an extra large base plate for increased stability.
Dispenser	Prepared as standard for mounting of manual or touchless 1000 ml ingo-man® plus dispenser, optionally mounting of 500 ml dispenser (please state explicitly when ordering), dispenser and accessory are not included
Dimensions	Disinfection Point: W 400 x H 1430 x D 400 mm Disinfection Point with wheels: W 500 x H 1500 x D 500 mm


 Stainless steel	Art.No.
Disinfection Point AFP	1419273
Disinfection Point with wheels AFP	1419274
 Stainless steel	Art.No.
Disinfection Point	3400177
Disinfection Point with wheels	3400262





Hygiene Station |

Disinfection stand with disinfectant dispenser

Dispenser system	Hygiene Station E AFP IMP T SH T with IMP T disinfectant dispenser Hygiene Station E AFP IMP T Touchless SH 5 with IMP T Touchless disinfectant dispenser
Optional accessories	Hygiene Station E AFP IMP T SH T: drip tray SH T Hygiene Station E AFP IMP T Touchless SH 5: drip tray SH 5
Dimensions	W 350 x H 1210 x D 330 mm

 Stainless steel	Art.No.
---	---------


Set: Hygiene Station E AFP IMP T dispenser SH T drip tray	1420163	
Set: Hygiene Station E AFP IMP T Touchless dispenser SH 5 drip tray	1420164	





Mobile Hygiene Stand |

Disinfection stand with disinfectant dispenser, hand glove dispenser and waste bin, rolling

Spendersystem	ingo-man® MHP E 500 ml mit IMP ELS disinfectant dispenser ingo-man® MHP E 1000 ml IMP T Touchless disinfectant dispenser
Optional accessories	ingo-man® MHP E 500 ml: drip tray SH T ingo-man® MHP E 1000 ml: drip tray SH 5
Glove dispenser for hygienic hand gloves	up to 3 boxes
Waste bin	26 liter
Dimensions	Without dispenser: W 400 x H 1275 x D 300 mm With IMP ELS: W 400 x H 1305 x D 300 mm With IMP T Touchless: W 400 x H 1315 x D 300 mm

 Stainless steel	Art.No.
---	---------

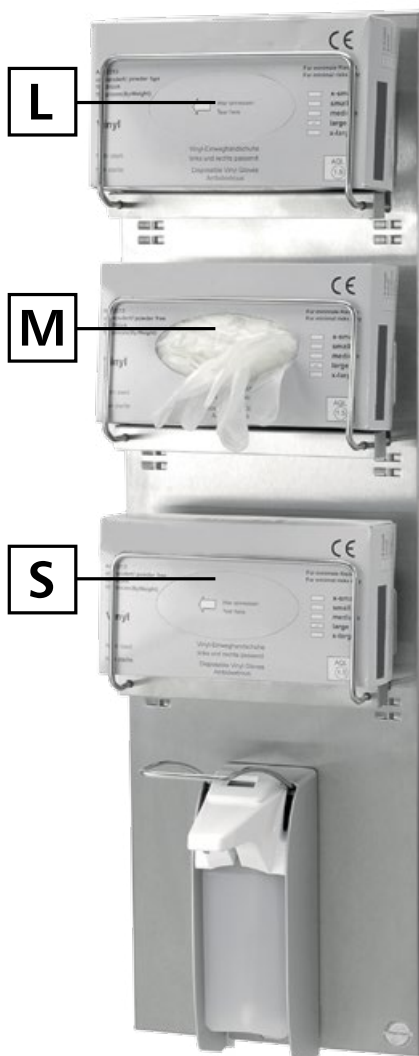
Set: ingo-man® MHP E with 500 ml IMP ELS disinfectant dispenser	1420099	
Set: ingo-man® MHP E with 1000 ml IMP T Touchless disinfectant dispenser	1420129	

For the space-saving wall mounting of glove dispensers

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

With the OPHARDT hygiene bracket system you can mount the disinfectant dispenser and the glove dispenser on the wall together – creating an environment that leads to lasting hand hygiene.

Disinfectant dispenser is not included in the scope of delivery. Please order separately.



Bracket system for glove dispenser with pre-mounted dispenser wall plate



Bracket system |

With pre-mounted dispenser wall plate

Dispenser wall plate

pre-mounted for 500 ml dispenser

Dimensions

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

With adjustable latch

Art.No.

3BV/ 1D
for 3 boxes 3400374

1BV/ 1D
for 1 box 3400367

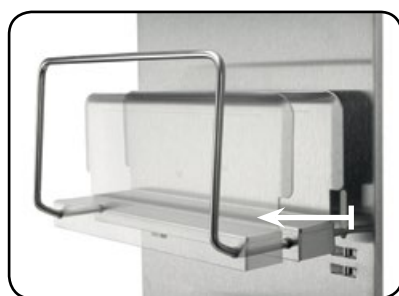
Without adjustable latch

Art.No.

3B/ 1D
for 3 boxes 3400373

1B/ 1D
for 1 box 3400366

* Dispenser and glove boxes not included in the scope of delivery



Adjustable latch

Bracket system for glove dispenser with two pre-mounted dispenser wall plates



3BV 2D*



Bracket system |

With two pre-mounted dispenser wall plates

Dispenser wall plate

pre-mounted for 500 ml dispenser

Use

When using two different disinfectants (skin compatibility) or for offering care products

Dimensions

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

With adjustable latch

Art.No.

3BV/ 2D
for 3 boxes 3400376

1BV/ 2D
for 1 box 3400369

Without adjustable latch

Art.No.

3B/ 2D
for 3 boxes 3400375

1B/ 2D
for 1 box 3400368

2D
without box 3400371

* Dispenser and glove boxes not included in the scope of delivery



1B 2D*

2D*

Bracket system for glove dispenser



Bracket system |

Without pre-mounted dispenser wall plate

Without wall plate	
Dimensions	
3BV: W 254 x H 510 mm	
2BV: W 254 x H 340 mm	
1BV: W 254 x H 170 mm	
3B: W 254 x H 510 mm	
2B: W 254 x H 340 mm	
1B: V 254 x H 170 mm	
With adjustable latch	
Art.No.	
3BV for 3 boxes	3400372
2BV for 1 box	3400370
1BV for 1 box	3400365
Without adjustable latch	
Art.No.	
3B for 3 boxes	3400255
2B for 2 boxes	3400256
1B for 1 box	3400258

Hygiene unit for wall mounting



Hygiene unit |

Hygiene unit* for attachment to a wall

Design	
Prepared as standard for the installation of a manual or touchless 500 ml or 1000 ml ingo-man® plus dispenser. Three sliding drawers for disposable glove dispensing boxes with a maximum size of H 130 x W 250 x D 72 mm	
*Scope of delivery	
Mounting plate incl. mounts for three glove boxes, incl. installation set for wall mounting as well as for fastening a dispenser backplate. (Dispenser and glove boxes are not included in the scope of delivery.)	
Dimensions of the mounting plate	
The dimensions of the mounting plate: W 500 x B 380 x D 74 mm.	
Art.No.	
HEW A	1420170
HEW P	1420498

Hygiene unit for ward trolleys

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

The medical personnel are sustainably supported with repeated tasks and the implementation of effective hand hygiene in accordance with the "5 points of hand hygiene", thanks to the direct availability of disposable gloves and disinfectant.

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

In standard form, the hygiene unit is mounted permanently on the wall. Alternatively, it can also be employed as a system solution on nursing trolleys and ward trolleys (see illustration). In this case, the fastening unit can be adapted individually for an extra charge.



Trolley, dispenser and accessories are not included in the scope of delivery

A proven dispensing system - a multitude of installation options

Install ingo-man® dispensers directly at the "Point of Care" or wherever they are required

- on standard rail systems and on round frames, e.g. on patient's beds
- space saving installation parallel to the mounting surface or at 90-degree-angle
- on vertical surfaces, e.g. on ward trolleys
- on tables and flat surfaces
- with an angle plate for fitting into narrow passageways

Application examples for round frames



Angle plate for round frame (WPR)*

To install ingo-man® plus dispenser on patient's bed, space-saving as parallel to mounting base

WPR E | 500 ml | 1418933
WPR T | 1000 ml | 1418934



Dispenser bracket for round frame (WHR)*

To install ingo-man® classic and ingo-man® plus dispenser on patient's bed or medical trolley

WHR E | 500 ml | 1414936
WHR T | 1000 ml | 1414934

Application examples for standard rails



Angle plate for standard rail (WPD)*

For mounting ingo-man® classic and ingo-man® plus dispenser on patient's bed, parallel to standard rail

WPD E | 500 ml | 3400806
WPD T | 1000 ml | 3400479



Dispenser bracket for standard rail (WHD)*

For mounting ingo-man® classic and ingo-man® plus dispenser on patient's bed

WHD E | 500 ml | 1414932
WHD T | 1000 ml | 1414930



Dispenser bracket (DSH)* standard rail

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

DSH E | 500 ml | 3400641
DSH T | 1000 ml | 3400646

We are continuously extending the available range of bracket systems for ingo-man® dispensers - exactly matching your installation needs.

On www.ophardt.com/bracket-systems you will find detailed information to our bracket systems. Haven't found the right solution? Contact us - we will gladly help you and we will find the perfect solution together: customers-en@ophardt.com

Diverse application examples



Clamp Mounting (KH V)*

For mounting ingo-man® classic and ingo-man® plus dispenser on medical trolleys

KH V E | 500 ml | 1418133
KH V T | 1000 ml | 1418150



Hanging bracket (BHH)*

Mounting of the dispenser system on shelved trolleys, bandage trolleys and ward trolleys etc. for board thicknesses of 5-10 mm

BHH E | 500 ml | 1419677
BHH T | 1000 ml | 1419678



Arbor mounting (IMP E A 24 AH)

Including ingo-man® plus dispenser, mounting of dispenser system on medical trolleys

IMP E A 24 AH | 500 ml | 1418192
IMP T A 24 AH | 1000 ml | 1418193



Angle plate (WP)*

To install ingo-man® classic and ingo-man® plus dispenser in narrow passages

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 dispenser on horizontal surfaces e.g. on table

TH E | 500 ml | 1418123
TH T | 1000 ml | 1418128



Multi fixing solution (MH E/T)*

For flexible mounting ingo-man® classic and ingo-man® plus dispenser on patient's bed or medical trolley. More than 50 different mounting possibilities.

MH E | 500 ml | 1418796
MH T | 1000 ml | 1418865

Glove dispenser wall bracket



UHS |

Glove dispenser for hygienic hand gloves

Mounting

Wall mounting

Filling volume

1 box

Dimensions

W 255 x H 132 x D 85 mm



Stainless steel

Art.No.

UHS E

PRICE CUT

1413316

Tubular frame fixing

Art.No.

RRH

1413329

Wall bracket for Euro bottles



WH |

Wall bracket for Standard Euro-bottles

Mounting

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



Stainless steel

Art.No.



WH 05 E

1412618



WH 10 E

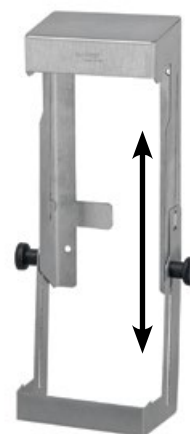
1415103



WH 25 E

1415104

Bracket system for wet wipes dispenser



FTSH 4 | SanTRAL®

Bracket system for large wet-wipes, e.g. for surface disinfection

Filling volume

1 container

Container sizes

for varying sizes, adjustable for container sizes from 155 mm to 250 mm

Mounting

Space-saving mounting on wall, with dispenser backplate WH R E on round tube or with WH D E can be mounted on standard rails

NEW

Dimensions

W 224 x H 388 x D 406 mm



Stainless steel

Art.No.

FTSH 4

1420252




Dispenser combination soap dispenser on right



CSA 1 R |

Dispenser combination for single-sheet towels and liquid soap, soap dispenser on right

Housing	Aluminium silver anodized, with closed backplate made from stainless steel.
Paper removal	Robust stainless steel removal
Front door	for refilling with folded paper towels
Dispenser for disinfectant and liquid soaps	can be removed as complete unit for cleaning.
Operating lever	Stainless steel
Dosage pump	Autoclaveable stainless steel pump, removable.
Dosage	plastic pump for soaps. 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml/Hub) (depending on the viscosity of the filling good)
Choice of the filling good	Free choice. For 500 ml Euro-bottles, change bottles from below
Lock	lockable (with ingo-man® key)
Dimensions	W 375 x H 370 x D 202 mm
 750 standard sheets	Art.No.

CSA 1 R


3400874

Dispenser combination soap dispenser on left



CSA 1 L |

Dispenser combination for single-sheet towels and liquid soap, soap dispenser on left

Housing	Aluminium silver anodized, with closed backplate made from stainless steel.
Paper removal	Robust stainless steel removal
Front door	for refilling with folded paper towels
Dispenser for disinfectant and liquid soaps	can be removed as complete unit for cleaning.
Operating lever	Stainless steel
Dosage pump	Autoclaveable stainless steel pump, removable.
Dosage	plastic pump for soaps. 3 dosage adjustments (0.7 ml, 1.0 ml and 1.5 ml/Hub) (depending on the viscosity of the filling good)
Choice of the filling good	Free choice. For 500 ml Euro-bottles, change bottles from below
Lock	lockable (with ingo-man® key)
Dimensions	W 375 x H 370 x D 202 mm
 750 standard sheets	Art.No.

CSA 1 L

3400875



The new dispenser combination CSA



The dispenser combination has significant advantages over the individual products:

- Easier installation
- Smaller space requirements
- When refilling the consumables only one dispenser needs to be opened.

The CSA dispenser combination has a soap dispenser unit that can be easily replaced for refurbishment.



Paper towel dispenser 300 sheets



Paper towel dispenser 750 sheets



Touchless paper towel dispenser



IMP HS 15 |

Paper towel dispenser with a surface with bacteriostatic effect

Filling volume





approx. 300 sheets standard layer fold or ZZ-fold paper

Paper removal

synthetics, with ergonomically rounded edges

Dimensions

W 275 x H 184 x D 131 mm

 300 sheets standard	Art.No.
 IMP HS 15 A	2400316
 IMP HS 15 P	1420228
 IMP HS 15 EE	1420229



IMP HS 31 |

Paper towel dispenser with a surface with bacteriostatic effect

Filling volume





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





Paper removal

synthetics, with ergonomically rounded edges

Dimensions

W 275 x H 370 x D 131 mm

 750 sheets standard	Art.No.
 IMP HS 31 A	2400321
 IMP HS 31 P	1416730
 IMP HS 31 E	1420227

 750 sheets Interfold	Art.No.
 IMP HS 31 A Interfold	1420234
 IMP HS 31 P Interfold	1420238
 IMP HS 31 E Interfold	1420235



HTU 1 | SanTRAL®

touchless paper towel dispenser, for paper rolls with outward uncoiling, with window

Paper withdrawal

A new paper towel is automatically dispensed when the hand is passed below the paper withdrawal

Filling material


paper rolls,
max. roll width 200 mm,
max. roll diameter 200 mm,
min. inside diameter for paper withdrawal 38 mm


Power supply

with 4 D-batteries for a total of 6 Volts

Dimensions

W 277 x H 397 x D 211 mm

 Stainless steel, AFP	Art. No.
HTU 1 E	3400351

 Powder coated	Art. No.
HTU 1 P	3400359



Paper towel dispenser 300 sheets



HS 15 |

Paper towel dispenser with a surface with bacteriostatic effect

Filling volume





approx. 300 sheets standard layer fold or ZZ-fold paper

Paper removal

synthetics, with ergonomically rounded edges

Dimensions

W 275 x H 185 x D 130 mm

 300 sheets standard	Art.No.
 HS 15 A	801400
 HS 15 P	801500
 HS 15 EE	152100

Paper towel dispenser 750 sheets



HS 31 |

Paper towel dispenser with a surface with bacteriostatic effect

Filling volume





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





Paper removal

synthetics, with ergonomically rounded edges

Dimensions

W 275 x H 355 x D 130 mm

 750 sheets standard	Art.No.
 HS 31 A	778900
 HS 31 P	779000
 HS 31 EE	297100

 750 sheets Interfold	Art.No.
 HS 31 A Interfold	1415415
 HS 31 P Interfold	1417724
 HS 31 EE Interfold	1417723

Paper towel dispenser with transparent door



HS 3 |

Paper towel dispenser with a surface with bacteriostatic effect

Filling volume

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

Paper removal



synthetics, with ergonomically rounded edges



Front door

transparent

Dimensions

W 275 x H 355 x D 130 mm

 750 sheets standard	Art.No.
 HS 3 A	1416424

 750 sheets Interfold	Art.No.
 HS 3 A Interfold	2400141

Waste bin



SK |

Waste bin

Intended use

waste disposal

Material

Stainless steel or steel white powder coated

Mounting


Stand alone or wall mounting,
incl. wall mounting kit


Dimensions

SK 18: W 302 x H 306 x D 207 mm


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

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


	18 liter	Art.No.
---	----------	---------

	SK 18 P white	795100
---	------------------	--------


	PB 2, plastic bags grey, 4 x 50 pcs.	506100
--	---	--------

	26 liter	Art.No.
---	----------	---------

	SK 26 P white	966100
---	------------------	--------

	SK 26 E	376700
---	---------	--------

	PB 3, plastic bags white, 200 pcs.	186400
--	---------------------------------------	--------

	60 liter	Art.No.
---	----------	---------

	SK 60 P white	705100
---	------------------	--------

	SK 60 E	705200
---	---------	--------

	PB 4, plastic bags white, 200 pcs.	128100
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Waste bin



AB |

Waste bin incl. polyester bag safe-guarding, optional with foot pedal

Stand alone or wall mounting


removable mounting plate

Dimensions

AB 6: W 215 x H 300 x D 155 mm

AB 15: W 320 x H 410 x D 190 mm

AB 36: W 400 x H 485 x D 255 mm


	6 liter	Art.No.
--	---------	---------

	AB 6 A	231000
---	--------	--------

	AB 6 P	231600
---	--------	--------

	AB 6 E	285100
---	--------	--------

	PB 1, plastic bags grey, 4 x 50 pcs.	461500
--	---	--------

	15 Liter	Art.Nr.
---	----------	---------


	AB 15 A	287300
---	---------	--------

	AB 15 F A w. foot pedal	1161900
---	----------------------------	---------


	AB 15 P	287400
---	---------	--------

	AB 15 E	484500
---	---------	--------

	PB 2, plastic bags grey, 4 x 50 pcs.	506100
--	---	--------

	36 Liter	Art.Nr.
---	----------	---------

	AB 36 A	288200
---	---------	--------

	AB 36 F A w. foot pedal	1162000
---	----------------------------	---------

	PB 3, plastic bags white, 200 pcs.	186400
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Hygienic waste bin and hygienic bag dispenser



AB 6 HB 1 A



HB 1

AB 6 HB 1 |

Hygienic waste bin and hygienic bag dispenser


Stand alone or wall mounting

removable mounting plate

Dimensions

AB 6 HB: W 215 x H 300 x D 170 mm

HB 1: W 130 x H 275 x D 30 mm

	6 liter	Art.No.
---	---------	---------

	AB 6 HB 1 A	232500
---	----------------	--------

	AB 6 HB 1 P	232600
---	----------------	--------

	AB 6 HB 1 E	284700
---	----------------	--------

	PB 1, plastic bags grey, 4 x 50 pcs.	461500
--	---	--------

	HYGB, paper bag 200 pcs.	509200
--	-----------------------------	--------

Hygienic waste bin for paper bags

	HB 1 A	311500
---	--------	--------

	HB 1 P	1120700
---	--------	---------

	HB 1 E	798500
---	--------	--------

	HYGB, paper bag 200 pcs.	509200
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Hygienic waste bin and hygienic bag dispenser









AB 6 HB 2 |

Hygienic waste bin and hygienic bag dispenser

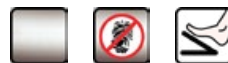
Stand alone or wall mounting
removable mounting plate

Dimensions

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

 6 liter	Art.No.
 AB 6 HB 2 A	1415091
 AB 6 HB 2 P	1415092
 AB 6 HB 2 E	1415093
PB 1, plastic bag grey, 4 x 50 pcs.	461500
HYGB K, plastic bag 4 x 25 pcs.	1245800
Hygienic waste bin for plastic bags	Art.No.
 HB 2 P	1412012
 HB 2 E	1412013
HYGB K, plastic bag 4 x 25 pcs.	1245800

Waste bin with foot pedal



NWB |

Waste bin with foot pedal

Features




Optimized for usage in medical facilities, rollable, with foot pedal, with internal bag holder

Lid

self-closing damped lid, recessed lid to prevent manual operation (minimisation of contamination) with internal bag holder

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

 30 liter	Art.No.
NWB 24 E	1416587
NWB 24 E AFP	1418560
PB 3, plastic bag white, 200 pcs.	186400
 50 liter	Art.No.
NWB 50 E	1416588
NWB 50 E AFP	1419160
PB 4, plastic bag white, 200 pcs.	128100
 70 liter	Art.No.
NWB 70 E	1416589
NWB 70 E AFP	1419161
TB 70, plastic bag blue, 4 x 25 pcs.	831300

Waste bin with foot pedal and front door



NWBR |

Waste bin with foot pedal and front door

Features



Optimized for usage in medical facilities, rollable, with foot pedal, with internal bag holder, for simple front removal of waste bags

Lid

self-closing damped lid, recessed lid to prevent manual operation (minimisation of contamination)

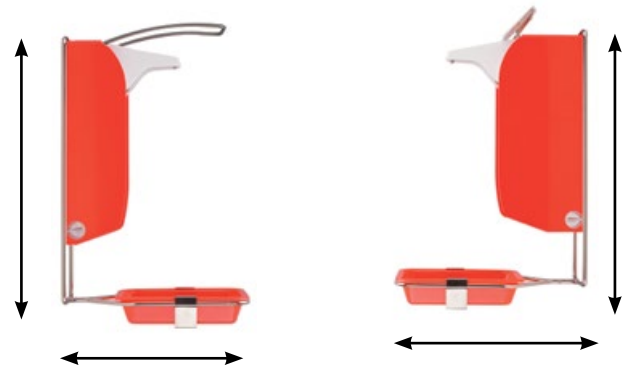
Dimensions

NWBR 50: W 374 x H 683 x D 376 mm
NWBR 70: W 374 x H 883 x D 376 mm

 50 liter	Art.No.
NWBR 50 E	1416591
NWBR 50 E AFP	1419404
PB 4, plastic bag white, 200 pcs.	128100
 70 liter	Art.No.
NWBR 70 E	1416592
TB 70, plastic bag blue, 4 x 25 pcs.	831300

Drip tray for hanging up above the dispenser

- prevents the dripping of the disinfectant off the hand onto the floor
- dishwasherproof and removable plastic drip tray



Different dimensions:

The dimensions of the tray holders are ideally adapted to the respective dispenser.

The appropriate tray holder for all dispensers can be found in the overview below.



Type	Standard	Warning Colour		
Colour of the tray	white	luminous yellow	luminous bright red	luminous bright orange
Fitting for:	Description	Description	Description	Description
	Art.No.	Art.No.	Art.No.	Art.No.
500 ml ingo-man® classic and ingo-man® plus	SH E 26	SH E 26 leuchtgelb	SH E 26 luminous bright red	SH E 26 luminous bright orange
	263800	1418976	1418978	1418977
1000 ml ingo-man® classic and ingo-man® plus	SH T 26	SH T 26 luminous yellow	SH T 26 luminous bright red	SH T 26 luminous bright orange
	161100	1418979	1418981	1418980
ingo-man® plus Touchless, ingo-man® plus Weco Touchless, ingo-man® plus Weco 1000 ml	SH 4	SH 4 luminous yellow	SH 4 luminous bright red	SH 4 luminous bright orange
	1416600	1418970	1418972	1418971
ingo-man® plus Weco 500 ml	SH E Weco	SH E Weco luminous yellow	SH E Weco luminous bright red	SH E Weco luminous bright orange
	1419637	2400375	2400376	2400377

*Scope of delivery: Tray holder - The dispenser shown is only shown for illustrative purposes and is not included in the scope of delivery

Application example:
SH 5 IMP Touchless*



For table mounting:
SH 5 IMP T Touchless
für TH T*



Drip tray for hanging up above the dispenser

- prevents the dripping of the disinfectant off the hand onto the floor
- The Optimized form guides user's hands when operating disinfectant dispenser
- dishwasherproof and removable plastic drip tray

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

*Scope of delivery: Tray holder - The dispenser shown is only shown for illustrative purposes and is not included in the scope of delivery

Drip tray for wall mounting



SH 1 / SH 3 |

Drip tray for wall mounting

Plastic drip tray
removable

Intended use

prevents the dripping of the disinfectant off the hand onto the floor

Dimensions

SH 1: W 150 x H 95 x D 263 mm
SH 3: W 190 x H 96 x D 190 mm

Short side
towards the wall

Art.No.

SH 1

290000

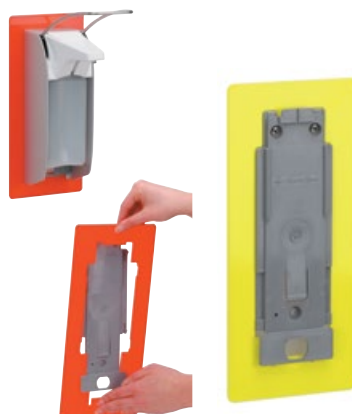
Long side
towards the wall

Art.No.

SH 3

1165200

Signal frame



SR |

Signal frame* for ingo-man® dispenser

Mounting without tools

hangs over the fitted dispenser backplate

Intended use

both sides; can be retrofitted: For all dispensers with standard plastic backplate

Place of application

all fields in hospitals, old people's homes, caring institutions, doctor's practices, laboratories etc.

*Scope of delivery

Signal frame - the dispenser shown is for illustration purposes only and is not included with this product

Dimensions

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



Warning
colour

Art.No.



SR E lumi-
nous yellow

1418674



SR E
luminous
bright orange

1420143



SR E
luminous
bright red

1420144



SR T lumi-
nous yellow

1418676



SR T lumi-
nous bright
orange

1420145



SR T lumi-
nous bright
red

1420146



RAL 7016
anthracite-
grey

Art.No.



SR E
RAL 7016

1418675



SR T
RAL 7016

1418677

Signal frame with stickers



SRL |

Signal frame* for ingo-man® dispenser with stickers

Mounting without tools

hangs over the fitted dispenser backplate

Intended use

both sides; can be retrofitted: For all dispensers with standard plastic backplate

Place of application

all fields in hospitals, old people's homes, caring institutions, doctor's practices, laboratories etc.

Incl. 3 stickers (120 mm x 130 mm)

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

Dimensions

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



Warning
colour

Art.No.



SRL E lumi-
nous yellow

1418680



SRL E
luminous
bright orange

1420147



SRL E
luminous
bright red

1420148



SRL T lumi-
nous yellow

1418678



SRL T lumi-
nous bright
orange

1420149



SRL T lumi-
nous bright
red

1420150



RAL 7016
anthracite-
grey

Art.No.



SRL E
RAL 7016

1418681



SRL T
RAL 7016

1418679

ingo-man® plus Locking plates

Fitting for:	Aluminium	Aluminium white	Stainless steel	Warning colour		
				luminous yellow	luminous bright red	luminous bright orange
	Description	Description	Description	Description	Description	Description
	Art.No.	Art.No.	Art.No.	Art.No.	Art.No.	Art.No.
Version with window						
ingo-man® plus 500 ml	VF IMP E A	VF IMP E P	VF IMP E E	VF IMP E P luminous yellow	VF IMP E P luminous bright red	VF IMP E P luminous bright orange
	2400067	1417469	1417529	1418342	1418341	1418343
ingo-man® plus 1000 ml	VF IMP T A	VF IMP T P	VF IMP T E	VF IMP T P luminous yellow	VF IMP T P luminous bright red	VF IMP T P luminous bright orange
	2400064	1417470	1417528	1418345	1418344	1418346
ingo-man® plus Touchless + ingo-man® plus Weco Touchless	VF IMP T Touchless A	VF IMP T Touchless P	VF IMP Touchless E	VF IMP T P Touchless luminous yellow	VF IMP T P Touchless luminous bright red	VF IMP T P Touchless luminous bright orange
	2400076	1420267	1416375	1418339	1418338	1418340
ingo-man® plus Weco 500 ml	VF IMP E A Weco®			VF IMP E P Weco® luminous yellow	VF IMP E P Weco® luminous bright red	VF IMP E P Weco® luminous bright orange
	2400195			1419282	1419280	1419281
ingo-man® plus Weco 1000 ml	VF IMP T A Weco®			VF IMP T P Weco® luminous yellow	VF IMP T P Weco® luminous bright red	VF IMP T P Weco® luminous bright orange
	2400197			1420268	1420269	1420270

Locking plates: protection against theft of the filling good and the dispenser



IMP T Touchless with VF



Locking plates with window, incl. lock and key

Version without window						
ingo-man® plus Touchless	V IMP Touchless A	V IMP Touchless P	V IMP Touchless E	V IMP T P Touchless luminous yellow	V IMP T P Touchless luminous bright red	V IMP T P Touchless luminous bright orange
	2400145	1420271	1416374	1420323	1420324	1420325



Locking plates with visual slit

ingo-man® classic Locking plates

Version with window			
Fitting for:	Aluminium	Aluminium white	Stainless steel
ingo-man® classic 500 ml	VF E 26 A	VF E 26 P	VF E 26 E
	292504	1420264	1420265
ingo-man® classic 1000 ml	VF T 26 A	VF T 26 P	VF T 26 E
	544002	189901	1420266

Version with visual slit			
Aluminium	Aluminium white	Stainless steel	Stainless steel for stainless steel backplate
VS E 26 A	VS E 26 P	VS E 26 E	VS E 26 EE
292501	1157000	662300	1166900
VS T 26 A	VS T 26 P	VS T 26 E	VS T 26 EE
220900	949000	310000	310300

Stainless steel backplate

NEW:
Fitting for ALL
ingo-man® classic +
ingo-man® plus
dispensers



WH IMP A |

Stainless steel dispenser backplate

Mounting

Wall mounting


Compatibility


Compatible with all ingo-man® classic and ingo-man® plus dispensers, inclusive Weco und Touchless dispensers.


Dimensions

WH IMP EA: W 77 x H 235 mm

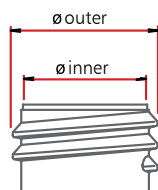
WH IMP TA: W 88 x H 278 mm

 Stainless steel Art.No.

 WH IMP EA 452200

 WH IMP TA 650900

Bottles




Bottle	Diameter ø outer	Diameter ø inner
28	27,4 mm	21,3 mm
60	58 mm	48,1 mm

OP |

Disposable bottles, refillable

Optional

screw cap (SD)


 Filling vol. 500 ml Art.No.

Bottle OP 501-28 109100

Cap SD 28-1, 28 mm 219600

Bottle OP 501-60 1413886

Cap SD 60-3, 60 mm 207203


 Filling vol. 1000 ml Art.No.

Bottle OP 1001-28 108900

Cap SD 28-1, 28 mm 219600

Bottle OP 1001-60 218500

Cap SD 60-3, 60 mm 207203

 Filling vol. 2500 ml Art.No.

Bottle OP 2501-60 K 109300

Cap SD 60-3, 60 mm 207203

Built-in mirror cabinet dispenser



SPS 2 E |

Built-in mirror cabinet dispenser, without housing, stainless steel operating lever

Dosage pump


pump 25, stainless steel, straight suction tube, exchangeable, dosage adjustable (approx. 0,7/ 1,0/ 1,5 ml/stroke)

Container

for 500 ml standard euro-bottles, free filling choice, removable from below, also available as fire retardant version

Dimensions

W 91 x H 234 x D 215 mm

 Stainless steel Art.No.

SPS 2 E E/25 3400819

Disinfection timer



DU |

Disinfection timer

Message

acoustic signal

Display

for improved legibility

Time

DU 16: up to 16 minutes

Dimensions

DU 16: W 91 x H 130 x D 64 mm



Stainless
steel

Art.No.

DU 16 E

964900

Brush dispenser and collecting basin



Brush dispenser |

Brush dispenser with wall holder,
charge magazine and collecting basin

Filling quantity

10 sterilisable hand brushes

Removal

brushes are removable individually from the front

Hand brush

PCM brush body and PA-bristles,
autoclavable

Collecting basin

Wall mounting, removable

Dimensions

BS 10 S: W 56 x H 360 x D 137 mm
BS 10 D: W 55 x H 360 x D 123 mm
HWB: W 110 x H 35 x D 43 mm
BA: W 262 x H 155 x D 163 mm



Stainless
steel

Art.No.

BS 10 S
Brush dispenser 965000

BS 10 D
charge magazine 965100

HWB
Brush 331900

BA
collecting basin 965200

Foot sprayer



ingo-ped® |

Foot sprayer with two spray nozzles

Filling volume

7.5 l alcoholic foot disinfectant

Mounting

with wall plate for surface mounting

Dimensions

W 224 x H 388 x D 406 mm

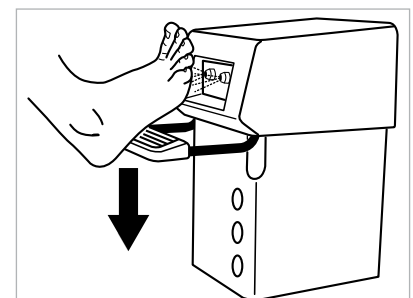


Aluminium

Art.No.

ped 2

254900



General Terms and Conditions of Business

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

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

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

1. Quotation and conclusion of contract

Our quotations are non-binding.

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

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

2. Dates and deadlines

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

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

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

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

3. Shipment and transfer of risk / insurance

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

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

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

4. Payment

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

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

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

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

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

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

We assume no guarantee for the timely encashment and protesting.

Note taxes, discount charges, protest charges and cashing charges are borne 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 the performance incumbent upon us until the purchaser provides service in return and has paid our claims due for payment - including those from earlier transactions in the ongoing business relationship - or has furnished corresponding securities. If multiple claims against the purchaser exist, incoming payments are credited against the oldest respective claim.

5. Offsetting and right of retention

The purchaser is only entitled to offsetting and/or a right of retention in the case of undisputed counterclaims or those determined to be legally valid.

6. Liability for defects

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

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

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

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

Claims for defects are limited to a period of one year after the delivery of the goods, insofar as we have not assumed liability in the scope of a manufacturer's warranty for a longer period of time. Diverging from this, claims for defects are limited to two years for an item which has been used for a construction in accordance with its customary manner of use and has caused its deficiency. However, this does not apply insofar as the item has only been used after the expiration of the above-mentioned basic period of limitation of one year for a construction. In this case, any claims for defects are limited to one year after delivery.

If a used item is sold, we are not liable for any defects unless we have fraudulently concealed the defects.

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

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

7. Liability

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

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

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

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

8. Retention of title

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

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

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

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

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

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

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

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

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

9. Place of fulfilment and jurisdiction

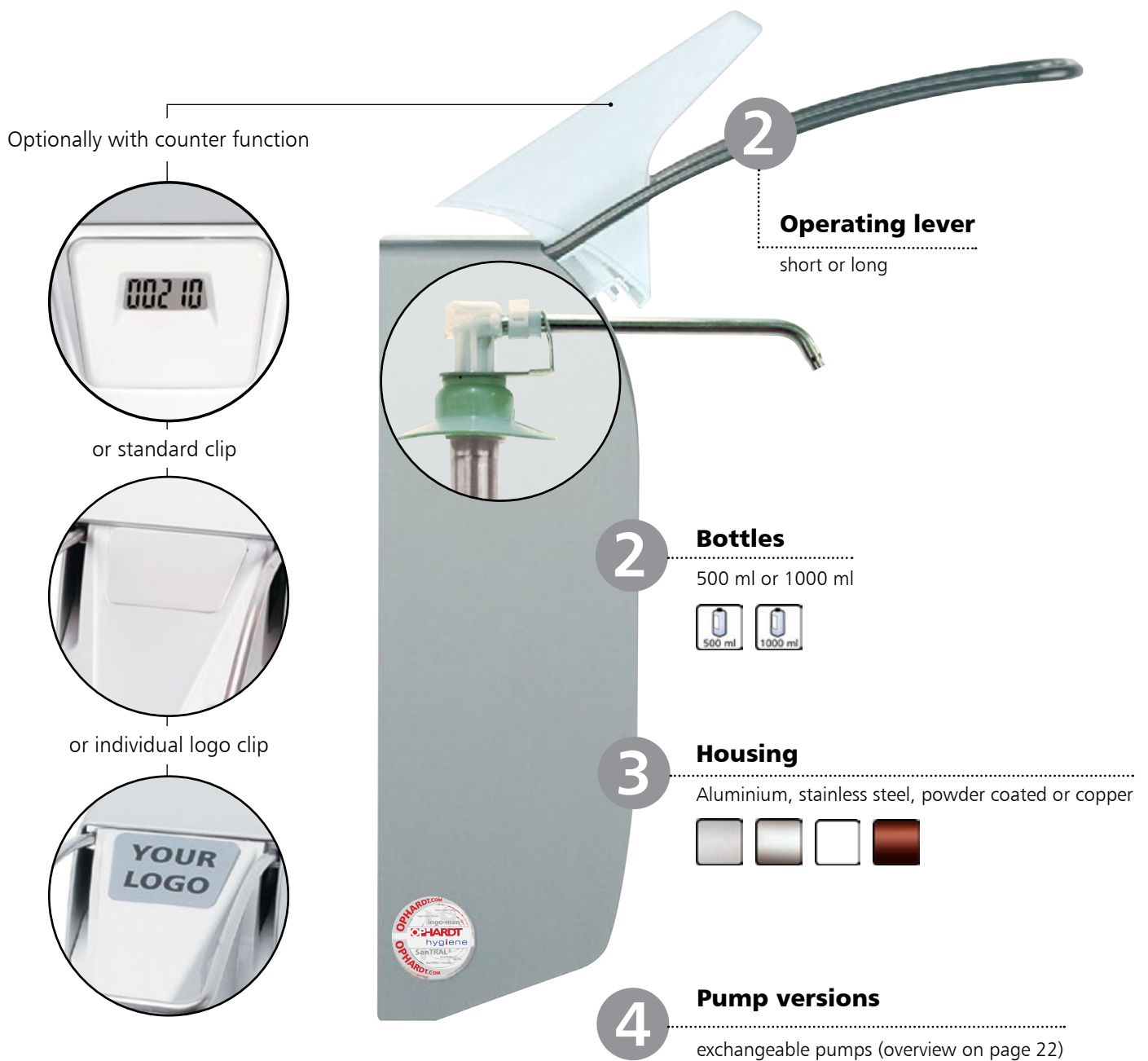
The place of fulfilment for all obligations arising from this delivery transaction is Issum, Germany.

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

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

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

Explanation of model numbers



pump 24



pump 25



pump 28



pump KSP



pump K



pump F



pump K/D

Further information on our pump range can be found on page 22.



OPHARDT
hygiene

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