Save costs and improve hygiene with our new line of disposable hygiene pumps

The Future of Reprocessing

Hygiene

THE LATEST IN HAND HYGIENE DEVELOPMENTS

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Dear Readers,

The increasing prevalence of antibiotic resistant microorganisms is a global problem that requires targeted prevention measures. Thorough hand hygiene remains a vital tool in both infection prevention and the fight against multi-drug resistant bacteria.

In healthcare facilities, protecting patients from infections should be a top priority. Healthcare workers need solutions that work for them. Our product innovations enable our customers to maximize hygiene in intuitive ways that integrated into existing work flows.

With the expansion of our compact RX product series (page 4), we offer a versatile range of dispensers that makes hand hygiene more accessible for everyone.

As an alternative to our long-lasting stainless steel pump, which requires regular cleaning and maintenance with an autoclave, we now offer the disposable hygiene pump (DHP) (page 3). In an era with strict hygiene regulations, the DHP is an attractive solution for process simplification and cost minimization. The disposable hygiene pump has an innovative mechanism that prevents it from being reused, maximizing hygiene standards in any Euro bottle-using facility.

In Germany, national regulations recommend the use of open dispenser systems which enables users the freedom to choose among hand care product manufacturers. In 1973, we developed the Euro bottle standard for our ingo-man® dispenser series, and have promoted this concept in the market ever since. The widespread implementation of this standardized system offers numerous economic advantages for consumers and suppliers (page 5).

Expanding on our range of disposable hygiene products, we expect our hygiene pouch for Euro-bottle systems to enter the market this summer. The hygiene pouch optimizes ease-of-use by sealing hand care products in a ready-to-use pump and bottle package. Look for more information on our website and social media.

In the second edition of Hygiene World, we introduce you to current hand hygiene issues in both medical institutions and the public washroom sector and inform you about new products and recent developments. We invite you to continue reading, and contact us to learn more.

Heiner Ophardt, CEO

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OPHARDT hygiene’s new series of disposable pumps improve hygiene standards and minimize cleaning costs

▶ Disposable hygiene pumps, the new trend for Euro bottle systems

Many healthcare institutions are struggling to implement rigorous dispenser cleaning recommendations and requirements made by leading regulatory bodies.

Even when implementing these time- and cost-intensive programs, the potential for improper cleaning can lead to contamination of dispensers and the spread of infections.

“The use of the disposable hygiene pump raises hygiene standards to a new level and makes resource-intensive reprocessing redundant,” said Frank Welbers, hygiene specialist for Bethesda Hospital in Duisburg. The healthcare facility adopted OPHARDT hygiene’s new disposable hygiene pump in March, where it now helps improve hygiene standards and processes in 100 ingo-man® plus dispensers across three hospital units. At Bethesda, installation and adoption of the DHP has been a positive experience, thanks to the pump’s intuitive design.

OPHARDT hygiene – the pioneer of the Euro bottle standard – provides systems like the ingo-man® plus and RX dispensers that don’t tie users to a specific manufacturer of hand care products.

The ingo-man® series is, the leading dispensing system in German-speaking hospitals. When the ingo-man® first entered the market, it was designed to withstand the extreme heat of autoclaving through its stainless steel housing and pumps. With OPHARDT hygiene’s new disposable hygiene pump (DHP), healthcare facilities can choose an uncomplicated solution to cleaning, without sacrificing the Euro bottle standard.

Disposable pumps: the simple future of hygiene

The DHP is a recyclable pump designed to ensure single use, making cleaning and maintenance obsolete. The pumps are compatible with the RX and ingo-man® plus series and can be used with any 500 ml and 1000 ml Euro bottle.

The pump is supplied in a clear, hygienic packaging that can be torn on the side and used as a glove when installing the pump. When a dispenser is empty, the pump must be removed with the bottle and recycled. If an attempt is made to remove the bottle separately, the pump stem will separate from the pump head – rendering it unusable.

Conformity to regulations

The use of disposable pumps adheres to the most recent recommendations made by the Commission for Hospital Hygiene and Infection Prevention (Kommission für Krankenhaushygiene und Infektionsprävention) at the Robert Koch-Institut (KRINKO) and the German Organization for Hospital Hygiene (Deutschen Gesellschaft für Krankenhaushygiene) (DGKH) regarding the use of dispensers for hand care products in healthcare settings.

Through the implementation of this product, hygiene professionals can save valuable time and resources and refocus their attention on increasing compliance and reducing infections.

PROFESSIONAL OPINION

"The use of the disposable pump raises hygiene standards to a new level and makes resource-intensive reprocessing redundant."

Frank Welbers, Hygiene specialist, Bethesda Hospital Duisburg
OPHARDT hygiene is expanding its compact, flexible dispenser series with the new RX 5M

RX dispenser systems: hand hygiene made easy

Having reliable dispensers available in all areas is the most vital step to engaging in meaningful infection prevention. Although this approach is most commonly applied to hygiene sensitive areas, such as hospitals and food processing facilities, awareness of the importance of hand hygiene is also increasing in public areas as well. To meet these changing requirements, dispenser systems must be as comfortable and easy-to-use in a surgical theatre, as they are at a point-of-sale counter.

Introducing OPHARDT hygiene’s new RX dispenser series, a line of versatile dispensers built to meet the modern demand for infection prevention, complete with a robust plastic housing, compatibility with the Euro bottle standard and integration with the new disposable hygiene pump (DHP).

RX 5 M – manual and practical

The RX 5 M, the newest member to the series, was officially launched in April 2018. The RX 5 M is a manually operated dispenser featuring a hygienic, stainless steel operating lever, a removable safety-click drip tray – a feature that prevents the dispenser from being damaged when the drip tray is accidentally hit – and an optional lock. The dispenser comes with variable height adjustment for bottles that differ slightly from the standard. All RX 5M dispensers are compatible with ingo-man® backplates and numerous ingo-man® mounting solutions and stands, making installation a breeze.

RX 5 T – touchless and flexible

The RX 5 T is the most flexible dispenser OPHARDT hygiene has ever made. Thanks to the dispenser’s compact design and ability to be wall-mounted, fitted to a stand, or free standing, it fits perfectly on a nurse’s trolley, reception counter, or in a hospital hallway. The unique design of this touchless dispenser, allows for fast and easy changes of euro-bottles and disposable pumps. The dosage of each dispenser can be easily adjusted from 1-3 strokes, and batteries are exchangeable. The RX 5 T makes touchfree hand hygiene easier than ever before.
OPHARDT hygiene’s open dispenser systems benefit patient, user, and provider

- **Freedom, Flexibility, Reliability – The Euro bottle**

In 1973, OPHARDT hygiene developed the standard Euro bottle in close cooperation with medical professionals.

Since then, this format has established itself as the standard throughout hospitals within German-speaking countries and much of Northern and Eastern Europe. This standardization and unification of the market has been recognized as being beneficial to consumers by leading healthcare guidelines.

The range of hand hygiene products available to healthcare providers and other users is immense, but in some markets, switching hand care products means switching dispensers. In Euro bottle markets, most manufacturers now offer variations of hand disinfection and cleaning products in an almost identical Euro bottle shape.

**Reliable supply, freedom of choice**

Thanks to the standardized shape and size of the Euro bottle, both users and service providers are guaranteed flexibility when selecting soap and hand disinfectant products. Because the innumerable products on the market have different compositions that have varying effects on bacteria and skin types, open systems offer users the flexibility to switch between products they prefer.

This, in turn, means that when demand for hand hygiene products is high – e.g. during pandemics – there is no risk of a supply shortage, and healthcare institutions are virtually guaranteed to be able to fulfil hand hygiene requirements, no matter the situation.

**Independent but Conforming**

An open dispensing system provides purchasing departments with significant economic advantages. The freedom to choose from different products of various manufacturers can lead to significant savings, and long-term purchasing optimization – especially when calculated in combination with Euro bottle dispensers like the ingo-man® that have been known to last decades.

The benefits are significant for hand care product manufacturers too – standardizations like the Euro bottle reduce costs when products are brought into market, and increase overall safety.

Another significant advantage of the Euro bottle in markets like Germany, is its compliance with legislation and guidelines: the German Society for Hospital Hygiene (Deutsche Gesellschaft für Krankenhaushygiene) (DGKH) and the Hygiene and Infection Protection Commission (Kommission für Krankenhaushygiene und Infektionsprävention) (KRINKO) strongly recommend that healthcare providers choose a neutral dispenser that allows for the independent selection of hand hygiene products.

**PROFESSIONAL OPINION**

The Euro bottle offers us great flexibility when selecting hand disinfection products and the possibility to use products of different manufacturers. An open, independent system is a deciding factor when choosing a dispenser.

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Dr. med. Béatrice Grabein
Head Physician of Clinical Microbiology and Hospital Hygiene at the University Hospital of Munich

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Henry Kruse chooses SanTRAL® for its new headquarters

From wholesaler to buyer, cleaning solutions for toilets

When opening their new headquarters in late 2016 – German hygiene and cleaning product distribution giant, Henry Kruse – chose the NSU 2 as the perfect hygiene product for their washrooms.

“A clean toilet seat is critical for a positive, hygienic washroom experience,” said xxx, adding that the NSU 2 is a durable solution for toilet seat hygiene that also meets their aesthetic expectations.

The family owned company has been supplying customers in the healthcare, hotel, restaurant and facility management industry since 1934. The northern German distributor is one of the largest members of IGEFA, Europe’s leading specialized distribution group.

When building their new headquarters in Neumünster, Germany, the company’s cleaning and disinfection experts for restrooms found an easy match for their hygiene standards, purchasing and installing 45 NSU 2s.

The 250 ml, refillable disinfectant dispenser from the SanTRAL® series is used to dispense disinfectant onto paper products that users can use to clean toilet seats. The dispenser comes labelled with a convenient graphic that explains the individual steps involved in a thorough disinfection using this product.

By choosing this series, Henry Kruse is backed by the renowned reliability and quality of OPHARDT hygiene’s stainless steel, anti-fingerprint coated range, which comes with a standard five-year warranty.

Finding an easy-to-refill system, with ease-of-use for users, and a reliable warranty were important criteria for Henry Kruse – and the NSU 2 delivers on every point.

Aluminium and Stainless Steel processing with improved speed and precision

State-of-the-art metal processing facility built in Germany

The world’s first high-volume coil processing machine with a fully integrated laser-punching tandem arrived in Issum, Germany in December 2017.

The new machine is the last component of OPHARDT hygiene’s advanced metal processing site - expected to be fully operational this summer. At the current home of the SanTRAL® series, the new smart production line seamlessly connects the high-volume capabilities of the new laser-punching machine with automated bending, welding, powder-coating, printing and dynamic assembly. The high-speed laser cutting capabilities also enable endless contour cutting customization possibilities. For our customers and partners this also means faster CAD conversion of new designs, flexibility in metal types, finishes, RAL coatings, gloss levels and printing customization.

Once fully operational, the facility will produce less waste, increase speed, and improve precision in the production of OPHARDT hygiene and partner products.

PROFESSIONAL OPINION

A clean toilet seat is imperative to ensure the feeling of hygiene. The TSU 2 offers a sustainable solution for the disinfection of toilet seats in public washrooms / restrooms. From an aesthetic viewpoint the dispenser also fulfils all requirements.

Jan Stübinger, Branch manager Henry Kruse
Hand hygiene compliance improved by setting goals and using feedback monitors

Feedback monitor study using Ophardt Hygiene Monitoring System® presented at the German Society for Hospital Hygiene

Dr. Andreas Glöckner, Medical Director

An innovative study on “Interventions for the Improvement of Hand Hygiene” was presented for the first time at the annual German Society for Hospital Hygiene (DGKH) congress in March. It is one of the first studies to reveal the effect of a feedback monitor, which transmits live compliance performance data to healthcare staff.

The scientific trial, which employed the use of the Ophardt Hygiene Monitoring System® (OHMS), was planned and completed in cooperation with the Department of Social Psychology from Ulm University, Bode Chemie GmbH and the Heidenheim Hospital (Klinikum Heidenheim).

The key questions addressed were whether hand hygiene compliance can be improved when hand hygiene goals are set and when compliance feedback is continuous. The study also examined how those two factors affect compliance individually and when used in tandem.

Comprehensive trial at Heidenheim Hospital

A critical component of this trial was OHMS. At Heidenheim Hospital, 92 WiFi-compatible ingo-man® plus Weco disinfectant dispensers recorded all hand disinfections during the course of the study. To calculate hand hygiene compliance, direct observation was used.

The Method: Four groups were used in the study to compare the effects: goal setting, feedback, goal setting & feedback, and a control group. Each study group was allocated to one of four wards within the hospital. After the OHMS-capable dispensers were installed, the trial began with a four-week familiarization period, followed by a four-week baseline survey of hand hygiene compliance.

Intervention phase: Targets defined, Feedback Monitors installed

Before the intervention phase began, the “goal setting” and “goal setting & feedback” groups defined goals for hand hygiene compliance based on their baseline survey. The defined goals were published on notice boards throughout their respective wards.

In the study groups, “feedback” and “goal setting & feedback”, feedback monitors were installed and used during the intervention period to show the average hand hygiene compliance rate of the previous 7 days.

The six-week intervention phase was followed by a 4-week post-intervention phase, using no monitors – to collect information on the lasting effects, or lack thereof, of all measures carried out.

Combination of measures is most effective

The study clearly demonstrated that the only measure that had a significant positive effect on hand hygiene compliance rates in the intervention and post-intervention phase was implementing a combination of both measures. When feedback monitors and goal setting measures were combined they achieved a significant and lasting effect on hand disinfections per dispenser per patient day.
Corporate Social Responsibility

Ophardt hygiene publishes its first annual sustainability report

The OPHARDT hygiene Group of Companies designs and manufactures dispensing products and compliance solutions for hand hygiene in pursuit of our mission: breaking the chain of infection to live healthier in an increasingly globalized world.

We believe that engaging in and promoting environmental stewardship and social responsibility are an integral part of our business strategy, and ultimately contributes to the long-term success of our company. These concepts have formed an important part of our business strategy since our founding in 1962.

Sustainable products

We promote environmental stewardship through sustainable product design and continuous improvements in resource efficiencies. Our reliable and durable ingo-man® dispenser series – the number one dispenser system in German hospitals - is our hallmark for sustainable design. Built to last, some of the first ingo-man® models are still in use decades after their initial installation. A more recent example is our WECO intelligent dispenser, which generates the energy to transfer usage date through the pressing of the lever – a patented system that eliminates the need for batteries or external power sources.

Active in the community

Together with sustainable product design, social responsibility has also long played a role in the success of our company. This value has recently been expanded on with the founding of RESPONSIBILITY e.V. by Heiner Ophardt, CEO of OPHARDT hygiene, together with a group of OPHARDT hygiene employees.

The goal of the RESPONSIBILITY club is to become active participants in social responsibility by implementing tangible solutions that address quality of life and health in underdeveloped communities. RESPONSIBILITY aims to achieve this goal by promoting good hygiene, cultivating infection prevention, and providing much-needed equipment for facilities like hospitals, retirement homes, or schools.

More information on these and other performance highlights are available in our 2016 Sustainability Report. Through the publication of our first annual Sustainability Report, we hope to continue to engage with our business partners, customers, and employees as we expand on our sustainable growth strategies. Together, we can drive positive change and build a more sustainable, shared future.

Please scan the QR-code to view the report!

Event Outlook

29.10.-01.11.2018
ISSA | Dallas

12.11-15.11.2018
MEDICA | Düsseldorf

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Publisher
OPHARDT hygiene GmbH & Co KG
Lindenau 27, 47661 Issum
Tel +49 2835 - 180
Fax +49 2835 - 18-189
info@ophardt.com
www.ophardt.com

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