

 *i-bin* hygiene<sup>15</sup>



The  
revolutionary  
sanitary bin





# The current situation

## A female challenge

**The current landscape of feminine hygiene disposal solutions is far from ideal. Imagine the ubiquitous white containers, often equipped with lids or accompanied by smaller mobile units – these have been the industry standard for years. However, the term “hygienic” is hardly synonymous with these bins.**

Here's how it typically unfolds: Depending on the terms of the service contract, these containers may be emptied every 1 to 4 weeks. The issue lies in the fact that sometimes, they're already brimming before the scheduled emptying. The outcome? Overflowing bins with lids unable to close. When the emptying day arrives, it doesn't matter whether they're full, half-empty or empty; they all get replaced.

Now, let's address the matter of odors - an unpleasant cocktail that develops in these open containers over time. The smell alone is enough to deter anyone from approaching, and research confirms this aversion. In particular, women tend to shy away, avoiding physical contact and the chore of opening the lid.

Yet, it's not just the off-putting aromas; these open containers serve as breeding grounds for bacteria, an unsettling association in any setting, especially a public one.

To add to the list of drawbacks, these outdated solutions can even inflict damage on your walls. It's high time for a transformation. The future of feminine hygiene disposal is here, marked by cleanliness, convenience, and intelligence.

*"66% Of the toilet users link the condition of your washroom with the image of the organization"*

# Time for innovation

## A new era in feminine hygiene disposal

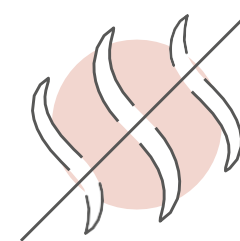
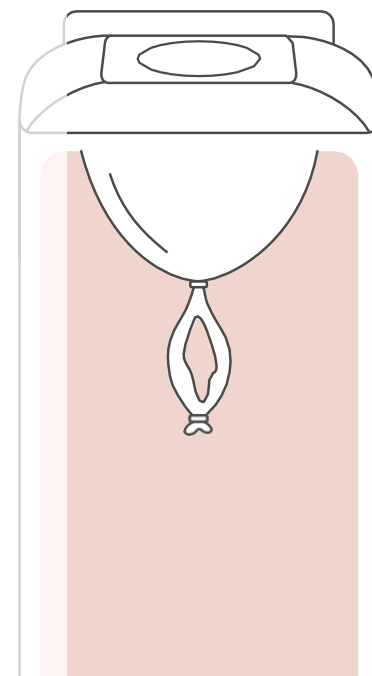
[Watch demo video](#)

Recognizing the need for innovation in user-friendliness and hygiene, we embarked on a journey of change. After years of development and rigorous testing, including trials at Schiphol Airport, we're excited to announce the full-scale production of the i-bin. Our journey was marked by six prototypes and invaluable lessons learned, especially during our time at Schiphol. Further testing in high schools led to the creation of a vandal-proof version, still ensuring touchless and odor-free operation. It's time for a new era in feminine hygiene disposal.





# One of a kind What makes i-bin unique?



ZERO ODOR

## Odor-sealing technology

i-bin excels in how it seals away sanitary products and odors immediately, ensuring an odor-free experience.

i-bin is the long-awaited solution for women and businesses seeking improved feminine hygiene disposal. It stands out due to several exceptional features.

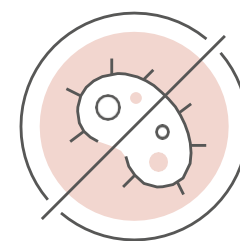
*"12% of sick leave is the result of infections in the workplace"*



TOUCHLESS

## Touchless operation

One of the standout features of i-bin is its touchless operation. It eliminates the need for lids or additional mechanisms for opening, providing a convenient and hygienic solution.



ANTIMICROBIAL

## Antimicrobial protection

i-bin is treated with built-in Microban® antimicrobial product protection. Added during manufacturing, the antimicrobial treatment reduces product-degrading bacterial growth on the i-bin surface for its expected lifetime. This helps keep the i-bin cleaner between cleans and delivers added peace of mind for users.

Microban® is a registered trademark of Microban Products Company







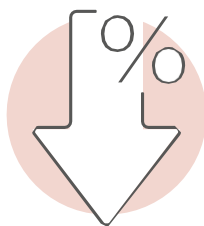
ECO FRIENDLY

*“TÜV certification ensures plastic-free practices”*

### Eco-friendly materials

i-bin prioritizes environmental responsibility with its eco-friendly foil. This innovative material is derived from 100% compostable elements like cornstarch and cellulose. While it requires incineration, its production avoids the need for new raw oil, preventing the reintroduction of micro-plastics into the environment.

This commitment to sustainability is further underscored by i-bin’s TÜV certification, which guarantees that the material is entirely free from plastics, leaving no harmful residues behind. Additionally, the incineration process aligns seamlessly with sustainability objectives, minimizing the impact on petroleum consumption.



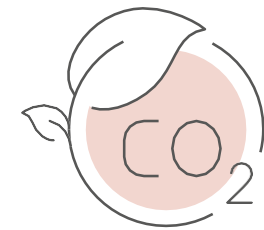
COST REDUCTION

*“Achieve break-even after just 18 months”*

### Reducing costs

i-bin offers substantial cost savings. Its pricing model includes a one-time unit purchase and a modest monthly foil expense, setting it apart from traditional options with accumulating costs.

Traditional containers require frequent, energy-intensive cleaning and costly waste processing, leading to higher operational expenses. In contrast, i-bin simplifies waste disposal by seamlessly integrating its waste bags into Europe’s regular black bin waste stream, eliminating the need for special processing. Achieving a remarkable break-even point in just 18 months, i-bin ensures efficiency, hygiene, and cost benefits, all contributing to a greener and more sustainable future.



CO<sub>2</sub> REDUCTION

### Reducing CO<sub>2</sub> emissions

i-bin significantly reduces CO<sub>2</sub> emissions, revolutionizing sustainability. Traditional practices, such as boiling water for cleaning and separate waste processing, come with high energy and emission costs. Replacing them necessitates extensive logistics. In contrast, i-bin emits up to 236,000 grams less CO<sub>2</sub> annually, offering a sustainable shift that benefits businesses while reducing their environmental impact.

*“Using the i-bin saves at least 236.000 grams of CO<sub>2</sub> every year”*

### A comparison

Aspect	Traditional Containers	i-bin
Cleaning Process	Requires boiling water and energy	No expensive cleaning needed
Waste Processing Costs	High	Reduced, thanks to regular logistics
Logistics Movements	Extensive	Minimized with a single emission
Annual CO <sub>2</sub> Emissions	Approximately 236,000 grams per year	One time only 240 grams
Sustainability	High reliance on petroleum	Reduces reliance on petroleum

# A smart solution Maximizing value



## Integrated into the black bin waste stream

i-bin waste bags are seamlessly integrated into Europe's regular black bin waste stream, simplifying disposal without the need for special processing.



## Damage prevention

Unlike mobile models, i-bin is a fixed fixture within ladies' washrooms, preventing room damage and facilitating effortless cleaning beneath it. It can also be securely affixed using provided sticky tape.



## Accessible cleaning

i-bin's clever design allows for easy cleaning underneath, whether it's securely screwed in or glued in place, making it suitable for monumental buildings.



## Intelligent monitoring

i-bin is a smart ladies sanitary bin equipped with sensors that monitor its fill level, packaging material status, and battery life. The three colored indicators on the front provide clear status updates. With the Pro version, you can also benefit from real-time data transmission to cleaning service providers, facilitating more efficient planning.



### Stay informed Indicator lights



Battery



Foil low



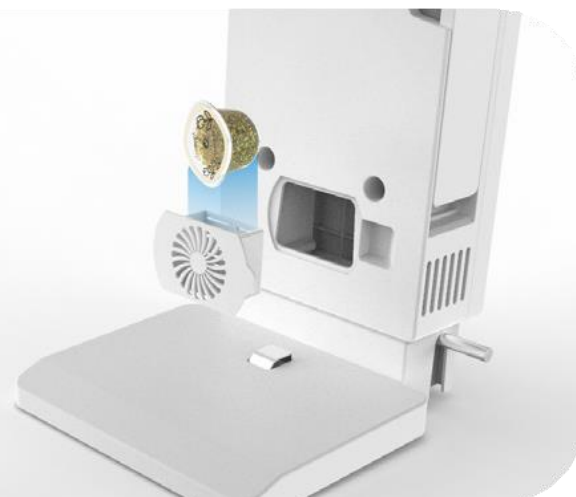
Bin full

Experience unmatched convenience with i-bin's intuitive indicator lights, ensuring you're always in the know about its status.



## Delightful fragrance

To enhance the restroom experience, consider adding i-scent to i-bin. It infuses the space with a fresh and welcoming fragrance that lasts for at least three months.



[See how it works](#)

# i-bin hygiene<sup>15</sup> PRO

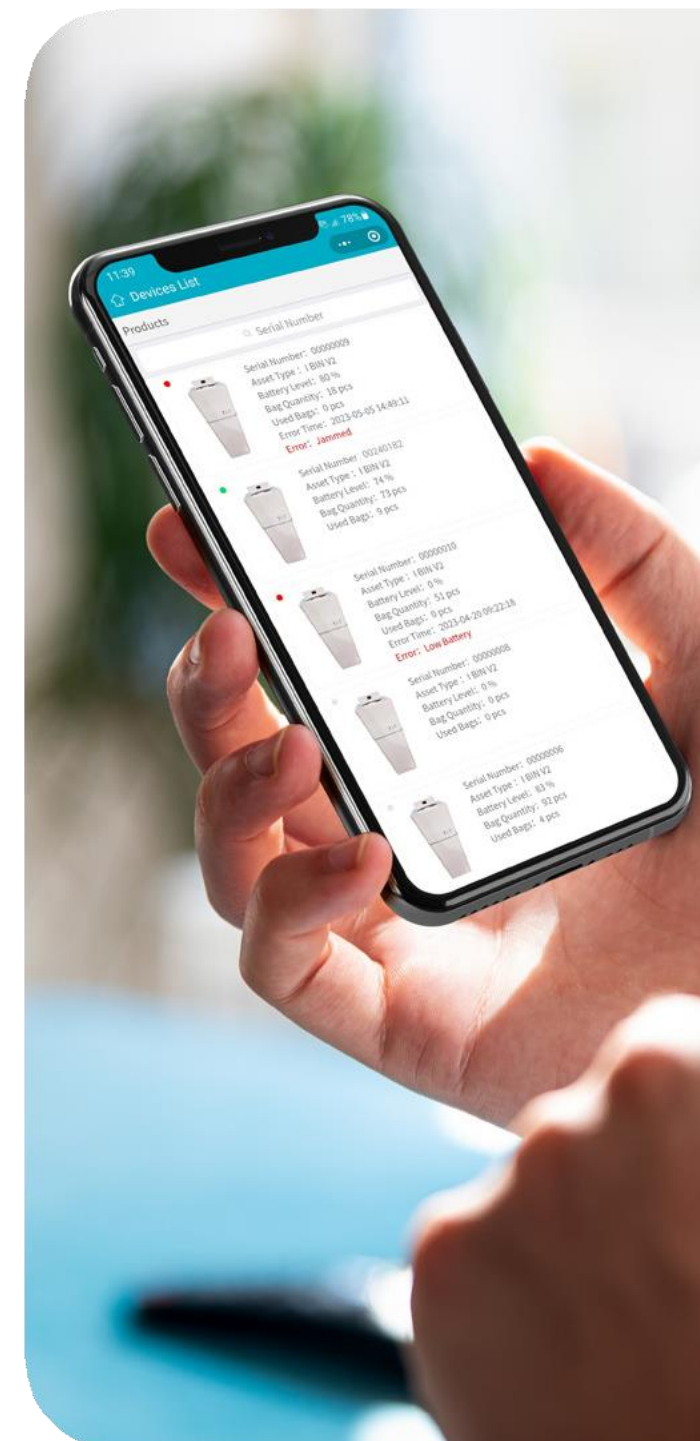


## Go Pro Seamless digital integration

The i-bin hygiene 15 Pro offers a digital solution through a dedicated smartphone app or API integration within the cleaning organization's digital platform, enhancing convenience and efficiency.

### Low-frequency router

The i-bin hygiene 15 Pro requires a lora connection. A low-frequency router with impressive coverage capabilities, extending up to 12 floors high or across vast horizontal spaces is optional. This ensures seamless connectivity and efficient data transmission, aiding cleaning service providers in staying updated and effectively managing i-bin.







## Choose your style

### Color options

We believe that style and functionality should go hand in hand. That's why we offer a range of color options to suit your aesthetic preferences. Choose from our four standard colors or opt for customization when ordering 100 units or more.



#### Note: Do Not Wrap for Microban Efficiency

While i-bin's Microban® antimicrobial product protection guarantees hygiene and cleanliness, it's important to remember that wrapping the bin will compromise its effectiveness. To enjoy the full benefits of Microban, avoid wrapping your i-bin.

## Technical specs



#### Reset button

The i-bin is equipped with a reset button for managing bag creation. This feature ensures the efficient and hygienic disposal of feminine hygiene products.

#### Dimensions

20 x 23,5 x 65,5 cm



#### Battery

- 11,1V 4400mAh
- Charge time 5hrs
- Loading cycles >750

Reducing your carbon footprint

# i-bin's environmental impact



The i-bin offers an exceptional opportunity for companies to advance their sustainability objectives by significantly reducing CO2 emissions and minimizing energy consumption associated with traditional waste disposal methods. Its use of renewable, biodegradable materials contributes to a greener, more environmentally responsible approach to feminine hygiene disposal.

Costly and emission heavy

## Traditional practices

Traditional containers demand regular cleaning with boiling water, driving up energy expenses. Additionally, these containers necessitate separate waste processing, incurring high costs.

The hidden consequences

## Logistics and emissions

Replacing traditional containers involves a complex cycle: one in use, one being replaced, and one undergoing cleaning. This results in extensive logistics movements and significant CO2 emissions. Assuming a biweekly exchange schedule, each location generates an average of 236,000 grams of CO2 emissions annually.

The revolution of i-bin

## A sustainable game changer

i-bin offers a stark contrast with a one-time emission of only 240 grams of CO2. Refill packs are efficiently delivered through regular logistics channels, causing no additional CO2 emissions.

Business benefits

## A sustainable shift

The transition to i-bin is a sustainable choice that not only benefits your business but also significantly reduces your environmental impact. By adopting i-bin's innovative bio foil, businesses not only reduce their CO2 footprint but also diminish their reliance on petroleum through the use of renewable materials.

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# The revolutionary sanitary bin







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