

A person wearing a blue protective suit and hood is working on a large piece of industrial machinery. The machinery consists of several vertical pipes and a large, angled metal panel. The person is using a tool to work on the panel. The background is a clean, industrial setting.

vileda[®]
PROFESSIONAL

CE Above The Floor Innovation Systems

Achieve a next level clean for your facility.

**NEXT
LEVEL
CLEAN**

a brand of
 **FREUDENBERG**



The essence of
70yrs forward
thinking:

NEXT
LEVEL
CLEAN



Everything we do grows from a constant dialogue with our customers. This made us a world leader in innovative cleaning solutions for controlled environments. We provide a complete contamination control concept including planning, trial programs, training and after sales care.

We believe in making people work smarter, not harder. That is why we focus on ergonomics, performance and design at every stage of the R&D phase, while using unique and patented technologies. All that to help you realise a higher standard, a **NEXT LEVEL CLEAN**, sustainably!

Facing challenges cleaning hard to reach areas in your facility?

Machinery and equipment that is hard to reach and hard to clean can pose several issues and problems, particularly in cleanroom production settings. To address these issues companies may explore redesigning equipment for easier access and cleaning, implementing proactive maintenance strategies, providing appropriate training for personnel working with the machinery, investing in tools or technologies that facilitate faster, easier cleaning and maintenance in challenging environments. Here are some challenges our customers tell us they face on a daily basis:



MAINTENANCE ISSUES

Difficulty in accessing delicate machinery can make routine maintenance tasks more challenging. This can lead to neglected maintenance schedules, which may result in increased wear and tear, reduced efficiency, and higher risk of breakdowns.



COMPLIANCE & REGULATORY ISSUES

Failure to properly clean and maintain machinery can lead to non-compliance with industry regulations and standards. This can result in fines, legal liabilities, prosecution and irreparable damage to company reputations.



CLEANING DIFFICULTIES

Accumulation of particles and contaminants on machinery can compromise performance and product quality. If the machinery is hard to clean, it may require specialised tools or equipment, as well as more time and effort to ensure thorough cleaning is performed.



EFFICIENCY & PRODUCTIVITY LOSSES

Difficulty in accessing and cleaning machinery can lead to downtime for cleaning and maintenance activities, reducing overall equipment effectiveness and productivity. It may also result in longer changeover times between production runs.



CONTAMINATION CONCERNS

In industries such as pharma or food processing, cleanliness is paramount to prevent contamination and ensure product quality and safety. Machinery that is difficult to clean may harbor bacteria, pathogens, or other particulate contaminants, posing product integrity compromises and consumer health risks.



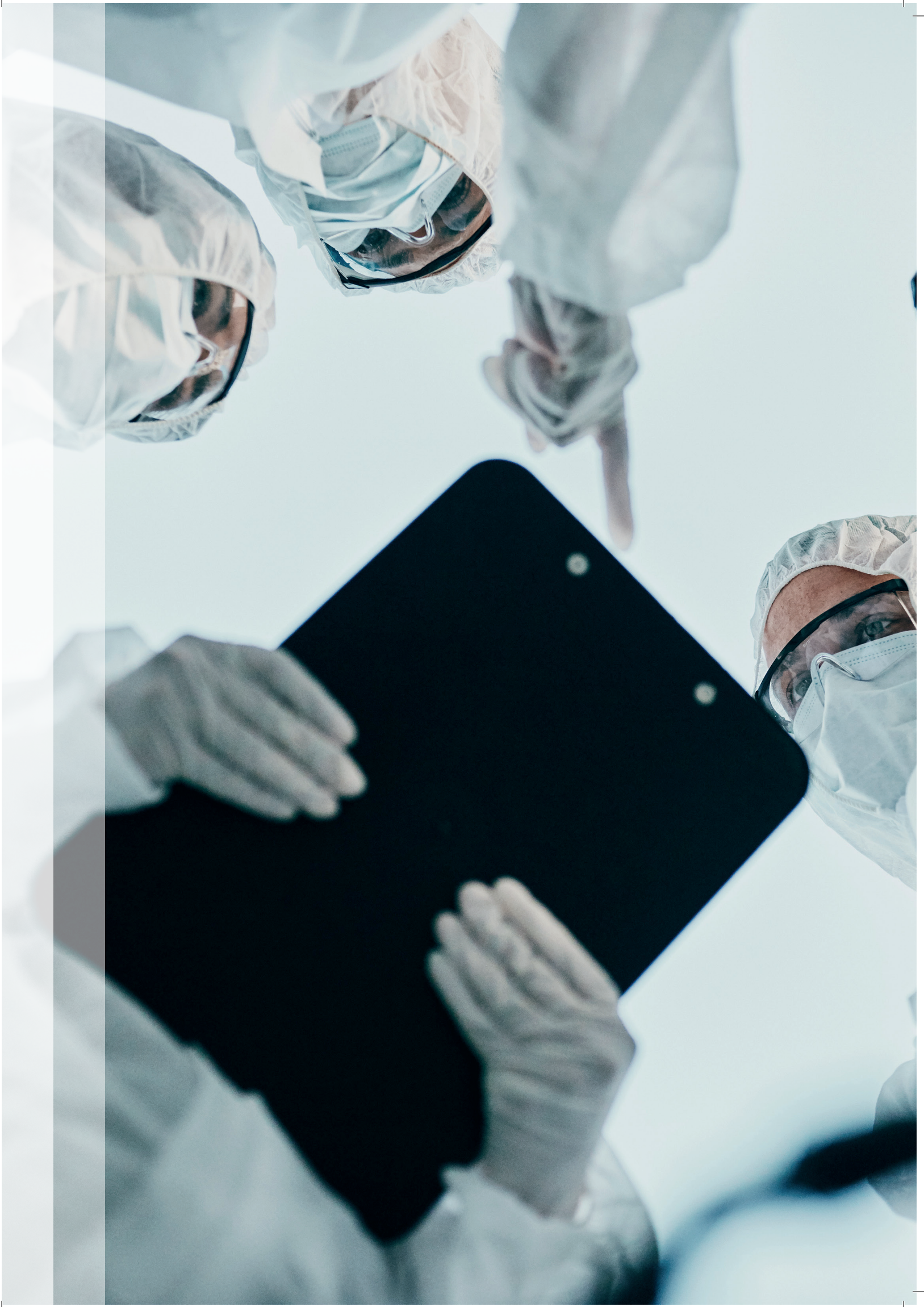
COST IMPLICATIONS

The complexities associated with hard-to-reach machinery can increase operational costs due to higher maintenance expenses, increased downtime and potential regulatory penalties.



LONG-TERM PERFORMANCE DEGRADATION

If cleaning and maintenance tasks are not performed effectively due to accessibility issues, it can lead to accelerated degradation of machinery components, reducing their lifespan and increasing the frequency of repairs or replacements.

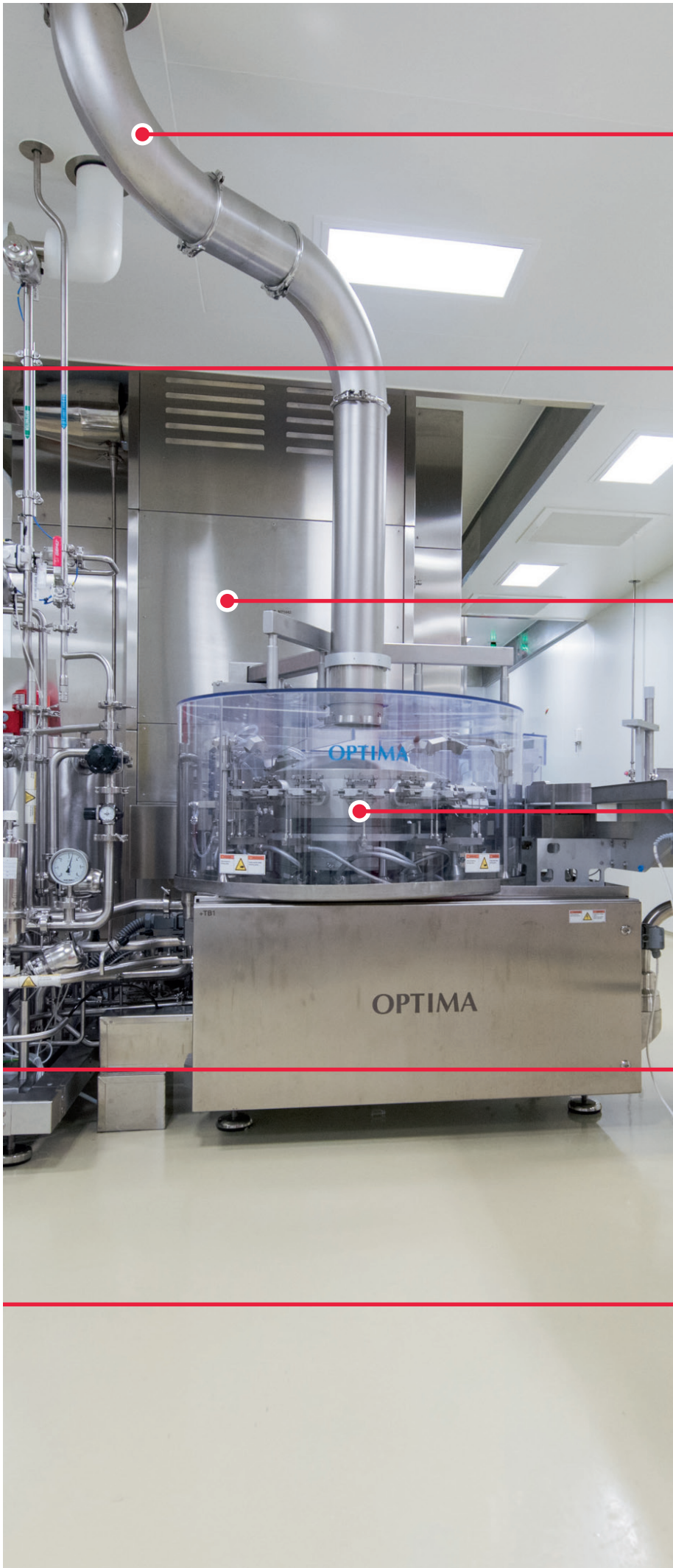


Identify problematic areas quickly

In cleanrooms and controlled environments, machinery and equipment are designed and commissioned with careful consideration for cleanliness and ease of maintenance. However some components or areas may still pose challenges for reaching and cleaning due to their intricate designs, positioning or sensitivity of surrounding materials.

To address these challenges, cleanroom operators typically develop specific cleaning SOP protocols and utilise specialised tools and equipment designed for reaching and cleaning inaccessible areas. Regular maintenance schedules and thorough inspections are also essential for ensuring the cleanliness and integrity of equipment in cleanroom environments.





PIPING, DUCTING, TUBING

Cleanrooms often have extensive networks of piping and tubing for various utilities such as gas, water, or air. These systems may have bends, connections, or hidden sections that are hard to access for cleaning.



CEILING-MOUNTED EQUIPMENT

Equipment mounted on the ceiling, such as air handling units or lighting fixtures, can be challenging to clean due to height and access restrictions. Specialised tools may be required for effective cleaning in these areas.



SEALED ENCLOSURES OR CHAMBERS

Equipment contained within sealed enclosures or chambers may pose challenges for cleaning due to limited access points or complex internal structures.



INSIDE COMPONENTS OF PROCESSING EQUIPMENT

Many processing machines have intricate internal components that may be challenging to access for cleaning. These areas may include narrow passages, intricate mechanisms, or areas with complex geometries where contaminants can accumulate.



ELECTRICAL PANELS & CONTROL SYSTEMS

Control panels and electrical systems associated with machinery may have sensitive components that require careful cleaning procedures to avoid damage. Accessing these components while ensuring cleanliness can be challenging.



UNDERNEATH OR BEHIND LARGE EQUIPMENT

Large machinery may have areas underneath or behind them that are difficult to reach for cleaning. Dust, debris, or other contaminants can accumulate in these areas if not properly addressed.

Hard to reach, hard to clean areas now a thing of the past

In cleanrooms and controlled environments, maintaining pristine conditions is paramount. Every surface, every particle, every corner must adhere to the strictest standards to ensure the integrity of sensitive processes and products. Designed with the unique challenges of cleanroom environments in mind we offer a comprehensive range of above the floor cleaning tools. Our innovative solutions empower cleaning technicians, achieve unparalleled levels of contamination control, efficiency and minimum downtime.

At the heart of Vileda Professional CE lies a commitment to precision, reliability, and user-centric design. Each tool undergoes rigorous testing and refinement to meet the stringent requirements of cleanroom protocols, ensuring optimal performance in even the most demanding environments. Our dedication to quality manufacturing and cutting-edge technology guarantees that our above the floor tools range is not just a solution, it's a standard benchmark for excellence.



DOES...

... GMP Annex1 regulation revision present new SOP's challenges with regards to contamination control in your facility?



NEED...

... high level mechanical cleaning performance and robust contamination control processes? These are key to profitable production of pharmaceuticals, medical devices and micro-electronics.



SUFFERING...

... from insufficient or careless cleaning of critical surfaces, precision instruments and machinery? Daily maintenance is business critical to eliminate downtime at your facility.





ULTIMATELY...

... want to maximise and improve your contamination control practices and protocols?

From critical manufacturing environments to cutting-edge research facilities, Vileda Professional CE sets a new standard for above-the-floor cleaning in cleanrooms and controlled environments.

With unparalleled performance, uncompromising quality, and unwavering dedication to excellence let us stand as your trusted partner in safeguarding the integrity of your operation for years to come.



ADVANCED MICROFIBRE TECHNOLOGY

Equipped with state-of-the-art microfibre our tools effectively capture, remove and hold particles away from the surface, minimising the risk of contamination during cleaning operations.



VERSATILE ATTACHMENTS

From extendable handles to specialised frames and pads, our above the floor tools range offers a diverse range of attachments designed to tackle every surface and crevice, ensuring thorough cleaning without compromise.



ERGONOMIC DESIGN

Engineered with user comfort in mind, our tools feature ergonomic handles, lightweight construction, and intuitive controls, allowing operators to maintain peak performance without fatigue or strain.



ANTISTATIC PROPERTIES

Constructed from antistatic materials this prevents the buildup of electrostatic charge, safeguarding sensitive equipment and components from potential damage during cleaning.



COMPREHENSIVE COMPATIBILITY

Whether used in pharmaceutical facilities, semiconductor cleanrooms, or biotechnology laboratories, our range of above the floor tools are compatible with a wide range of cleanroom classifications, providing versatile solutions for diverse applications.



EASY TO CLEAN

Designed for hassle-free maintenance, these systems are easily disassembled for cleaning and sterilisation, ensuring optimal hygiene and longevity offering continued reliability.



CE Above The Floor Cleaning Systems



CE MULTISURFACE CLEANER™

Manufactured from high-performance polymers. All metal parts are constructed from stainless steel making it completely autoclavable and corrosion resistant. Designed to clean pipes, hoods and other hard to reach and uneven surfaces with minimal effort and maximum efficiency. Versatile and easily adjusted in use this allows effective cleaning of any hard to reach, or hard to clean surface.



CE TANK CLEANER™

Manufactured from an electro-polished stainless steel frame which is curved to a 9" (23cm) radius. It is easily adjusted to fit inner or outer tank walls. The CE Tank Cleaner™ moves in 3 dimensions to ensure optimum contact with the surface being cleaned, and is ideal for cleaning tanks within cleanrooms. The unit is easy to use for tight spaces or can be used with the telescopic handle for hard to reach and hard to clean areas.



CE MICRONSWEPT® MITT

Delivers the cleaning and disinfecting results needed using our already proven and industry leading MicronSweep® mop material converted into a convenient, effective and efficient new format. The new mitt is launderable, and reusable providing a sustainable advantage over traditional wipers and cleans and disinfects in one pass with a 4-log reduction cleaning efficiency. The hand-held design is double-sided for extra coverage and versatile enough to clean where mops cannot – giving you flexibility and dexterity to clean the most challenging surfaces. All while maintaining compliance with cleaning standards and protocols and keeping production running at capacity.



CE SOFTWALL CLEANER™

Designed to clean soft wall curtains and separation zones in cleanrooms and controlled environments. It is manufactured from electro-polished stainless steel and anodized aluminium with an adjustable telescopic handle that reaches to 9' (2.74m). Robust in construction and innovative in design means higher pressure can be applied during cleaning to remove residues and particles and is easy to adjust by the cleaning operative as needed.

CE MICRONSWEP® MITT



- Unparalleled dexterity and convenience for cleaning hard to reach, hard to clean and uneven surfaces
- Designed for pre-prep dosing methods to save water and chemical usage
- Disinfect and clean in one wipe. The only reusable validated sterile "system" offering 4-log reduction cleaning efficacy

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
172950	172951	MicronSweep® Mitt (with chip)*	27.5 x 16	30 x 1 pc	4 5 6 7 8 9
172922	172923	MicronSweep® Mitt (without chip)*	27.5 x 16	30 x 1 pc	4 5 6 7 8 9

*Only available via laundry partner.

CE SOFTWALL CLEANER™



- Designed to clean soft wall curtains separating zones within cleanrooms. Robust construction and "shotgun pump action" design for high pressure cleaning

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162232	162233	CE Softwall Cleaner	124 x 38.7 x 6.9	1 x 1 pc	4 5 6 7 8 9

CE TANK CLEANER™



- Bendable mop frame in stainless steel. Easy to change from concave to convex or bend into the shape you need to clean. Fitting, small handle, standard handle or long Maxi handle

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162234	162235	CE Tank Cleaner	33 x 16.2 x 6.6	1 x 1 pc	4 5 6 7 8 9

CE MULTISURFACE CLEANER™



- For cleaning pipes, narrow places, behind LAF-Benches and under office tables and inside difficult to reach areas inside filling lines. Easy to adjust and change

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162236	162237	CE MultiSurface Cleaner	58.6	5 x 1 pc	5 6 7 8 9

TELESCOPIC HANDLE, MAXI, 200-400 CM



- Specialty above-the-floor tools are ideal for surfaces that are difficult to reach clean and disinfect

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162238	162239	Telescopic Handle, maxi (colour coded)	400	5 x 1 pc	5 6 7 8 9

MICROINTENSIVE L COVER™



Specialty above-the-floor tools are ideal for surfaces that are difficult to reach clean and disinfect – Disposable

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162385	162387	MicroIntensive L Cover	37	50 x 1 pc	4 5 6 7 8 9

MICROINTENSIVE L SLEEVE



Disposable microfiber Sleeve, fitting CE MultiSurface Cleaner. Efficient removal of particles and good for disinfecting

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162386	162388	MicroIntensive L Sleeve	45	50 x 1 pc	4 5 6 7 8 9

MICRONSWEP CLEANROOM COVER™



Durable, double-sided cover that is constructed of the same material as the MicronSweep® floor cleaning system. Fits CE Softwall Cleaner™ and CE Tank Cleaner™

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162282	162286	MicronSweep® CleanRoom Cover*	40	20 x 1 pc	5 6 7 8 9
162283	162287	MicronSweep® CleanRoom Cover* (with chip, supplied by Cleanroom Laundry)	40	20 x 1 pc	5 6 7 8 9

*Only available via laundry partner.

MICRONSWEP CLEANROOM SLEEVE™



Durable, double-sided cover and constructed to fit the MultiSurface Cleaner

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
162284	162288	MicronSweep® CleanRoom Sleeve*	49.2	20 x 1 pc	5 6 7 8 9

*Only available via laundry partner.




Unrivalled contamination control, biocontamination pickup and residue removal performance

Vileda Professional – a part of the Freudenberg Group

Vileda Professional provides innovative cleaning solutions and systems for professional users in various application areas, such as General Building, Healthcare, HoReCa and Controlled Environment. With sales offices in all major European countries, in North America and Asia – and with a wide net of representatives – we are well located around the world. Vileda Professional belongs to the Freudenberg Group – a diversified family-run global company, headquartered in Germany.

Vileda Professional

Freudenberg Home and Cleaning Solutions GmbH
Im Technologiepark 19, 69469 Weinheim
E-Mail: vileda.professional@fhp-ww.com
www.vileda-professional.com

 www.linkedin.com/company/vileda-professional-ce

October 2024



Discover more at
ce.vileda-professional.com

**NEXT
LEVEL
CLEAN**

a brand of
 **FREUDENBERG**