

TOTAL CLEANING SYSTEM FOR CONTROLLED ENVIRONMENTS



The MicronSweep system in short...

QUALITY

Mops made of durable 100% PES
micro-fibre material

Validated cleaning process

Prevents cross contamination
during cleaning

No water or cleaning liquid in
cleanroom

CONVENIENCE

Mops are pre-impregnated, no
need to change buckets

Logistic service organised for you

Full training programme for
cleaning operatives

EFFICIENCY

One-step cleaning

Low friction, fast, lightweight
system

ECO-CONSCIOUS

Reusable mops with high
durability

Lower consumption of water and
cleaning chemicals

ERGONOMICS

Total system with proven
ergonomic features

No wringing or bending needed

SAVINGS

Total service

One-step cleaning procedure

Reduced consumption of water
and chemicals

The MicronSweep system is a total cleaning solution for controlled environments in accordance with the relevant ISO or GMP standards. This modern, easy-to-use system offers high-quality reusable products, associated services, efficient cleaning and impregnation methods and comprehensive training and advisory support. Cost-effective, professional cleaning is within your reach!

CLEANROOM CLEANING: THE ISSUE

Cleaning and monitoring procedures for controlled environments are laid down in detail in standards like the ISO 14644-5 and recommended practices like the IEST RP-CC018.3. These documents clearly specify that conventional cleaning materials are not suitable for cleanroom cleaning.

The requirements for materials and products are such that they will not introduce new contamination in the cleanroom. They also need to ensure the sufficient removal of particles and microbiological contaminants, and prevent the growth of microorganisms after cleaning. Finding, validating and implementing a suitable cleanroom cleaning system are challenging and time-consuming tasks for the management.

MICRONSWEEP: THE SOLUTION

However – thanks to the new and unique MicronSweep system – cost-effective, high-quality, ergonomic and eco-conscious cleanroom cleaning is made possible. MicronSweep is a modern damp cleaning system for floors, walls and ceilings in cleanrooms and controlled environments. It is unique thanks to its use of reusable, non-linting micro-fibre mops, which can be leased from and decontaminated by the exclusive service partner in your country.

The system is most effective when all elements - products, service, cleaning method and training - are fully introduced.

PRODUCTS

The reusable mop has been especially designed for use in controlled environments, is made of 100% polyester micro-fibre and can be repeatedly decontaminated and/or sterilised (autoclave, radiation or ETO). The use of micro-fibres ensures that particles are not only removed from the cleaned surface but are also firmly captured by the mop. The material and the construction of the mop reduce the friction to a minimum, thus facilitating cleaning while maintaining the best effectiveness. The extremely thin micro-fibres remove contamination at micron level, ensuring very high cleaning performance with little effort. All hardware is produced to limit possible contamination and can also be sterilised when needed.



THE MICRONSWEPT CLEANROOM MOP

- Excellent mechanical cleaning performance
- For floors, walls and ceilings
- Resistant to heat and chemicals
- Suitable for sterilisation (autoclave, radiation or ETO)
- Complies for both ISO class 5 and GMP A+B requirements
- Made of 100% PES micro-fibre
- Available in dimensions 35 or 50cm



CLEANING METHOD

Thanks to the materials used for the mops and the pre-treatment given to them, the cleaning can be reduced to a one-step procedure offering excellent particle removal and microbiologically sound results.



1

Before entering the cleanroom the operator impregnates the number of mops needed for the surface (up to 25m² per mop) with **your own validated disinfection solution** (up to 250 ml per mop). This way, there is no need to take buckets with cleaning liquids and/or purified water into the cleanroom to rinse and wring mops while cleaning.



2

The impregnated mops are then ready to put on the frame using the innovative finger loop that avoids any hand contact by the operator during the putting on/off process.



3

The operator will then sweep the surface in an 'S' movement making sure that the mop is moved in one direction only, contamination is removed from the surface.



4

Once finished with a mop, the mop is simply put in a bag to be taken for decontamination afterwards. There is no risk of cross-contamination as mops are changed per room or per 25m².

VALIDATION

Validation tests carried out by an independent laboratory have proven the efficiency of the MicronSweep system in removing microbiological contamination from the controlled environment. The report is available on request.

Numerous trials have confirmed the convenience of the system to be one of the key features appreciated by operators. Application of a one-step system (leading to lower labour costs) and the economical use of cleaning fluids add to the cost-effectiveness of the cleaning operation.

The MicronSweep system is exclusively available from your cleanroom services specialist and offers the total cleaning solution for cleaning floors, walls and ceilings. In close cooperation with Vileda Professional, profound support and training is offered to ensure an easy validation and implementation of the MicronSweep system.

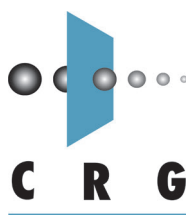


SERVICE

The exclusive processing partner in Australia is Clean Room Garments (CRG). With over 40 years of experience in providing contamination control solutions, CRG has the processes and expertise to ensure that the customer receives mops ready for use time after time at the appropriate level of cleanliness, be it aseptic or sterile. Mops are decontaminated with a validated process and sterilised by ETO if required. Quality of the product and processing environment is continuously monitored. The lifecycle of each mop is tracked and traced using RFID chip technology; this allows control and provides traceability.

TRAINING

Proper staff training is essential for the efficient use of any cleaning system, no matter how user-friendly it is. A special MicronSweep training programme for clean-room cleaning operatives has been developed, to ensure optimal benefit of its high-quality mops and other cleaning materials.



SYDNEY [HEAD OFFICE]

118 Glendenning Road, Glendenning, NSW 2761
phone 02 9851 4600 fax 02 9625 0408

MELBOURNE

Unit 1/35 Lakewood Boulevard, Carrum Downs VIC 3201
phone 03 8773 4900 fax 03 9770 8241



distributed by...



crgcustomerservice@cleanroom.com.au
sales@cleanroom.com.au

cleanroom.com.au