

# Simplify your cleanroom cleaning with **MopSc∞p – the solution!**



The completely new development, called MopScoop, should achieve nothing less than to solve all the problems and requirements known in the daily practice of clean room cleaning and disinfection in the best possible way.

Cleaning processes are performed by humans and should therefore be designed in a way that is as self-explanatory as possible and highly resistant to unintentional misuse. The easier a process is designed, the safer it can usually be executed.

The combination of components such as MopScoop, MopDrop CR and ClinoSynchro CR/Hybrid, what ensures a completely touchless working process, as well as the sealed disinfection solution, which eliminates the main source of cross-contamination, guarantees a maximum of hygienic safety.

# MopScoop – the solution!

## + Single-use or multi-use

From the beginning of its development, the system was consistently designed for both types of application.

It is also possible to switch between the two systems without any problems.

A detailed study of the advantages and disadvantages of both concepts can be found here: [www.pps-pfennig.de/study-mopcovers](http://www.pps-pfennig.de/study-mopcovers)

## + Validation of disinfection

MopScoop is an open (or variable) system with regard to the use of disinfectants, i.e. in contrast to ready-to-use pre-soaked textiles, the already validated cleaning and disinfecting agents can be used without any problems.

## + High flexibility for a tailor-made system

MopScoop can be used with all common biocidal and cleaning agents. In addition, MopScoop enables the exact adjustment of the required amount of liquid. Available as standard with 130, 200 and 400 ml per dosing process, the system can be supplied on request with the optimum quantity determined for the respective application (e.g. 325 ml).



*dosing process with 400 ml piston*

## + Longevity

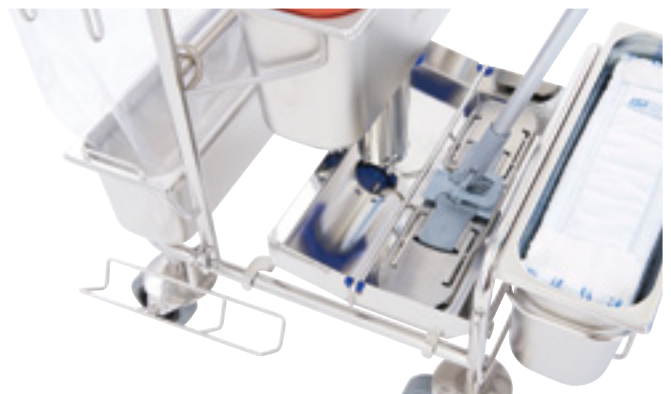
Every user wants to enjoy his cleaning system for as long as possible. This is guaranteed by MopScoop!

The dosing unit has been tested over 55,000 cycles, which corresponds to just over 1 million m<sup>2</sup> of cleaned clean room area without wear. For comparison: All runways at Frankfurt Airport have a size of 726,000 m<sup>2</sup>.

## + Hygienic and microbiological process safety

Any weak point in the design of a cleaning system can lead to cross-contamination. Maximum safety is achieved through the closed storage of the disinfectant solution during the entire working process and the completely contact-free working sequence.

The closed storage of the disinfectant solution makes it possible to prove that the effectiveness has been maintained over the defined period of use, as required by the draft Annex 1 of the EU GMP Guidelines. In addition, the impregnation of the wiping textile takes place directly from the application. The prepared working solution can also be used for longer than one working day and unneeded textiles remain dry.



*impregnation of the mop cover when the dosage lever is released*

## + Active ingredient changes

With MopScoop, the requirements of the regulations for active ingredient changes can be covered more broadly. The quantity of the prepared working solution can be adapted to the scope of the cleaning and disinfection measures and can be produced both by concentrates and ready-to-use solutions.

## + Efficiency and precision

The creation of a SOP for cleaning and disinfection only makes sense if it is reproducible. The prerequisite for this is that the wiping textiles are always impregnated evenly. MopScoop achieves an accuracy of 1.3% +/- (maximum values, the average deviation is well below 1%) and even exceeds the previous „record holder“ MopFloat.

# MopScoop offers additional advantages:

- + Optimum cleanability due to **Hygienic Design**
- + **Minimum space requirement** with a footprint of 0.4 m<sup>2</sup>
- + High safety factor - completely **closed system** without open water
- + No particle generation due to **only 2 moving parts** in cleanroom-compliant bearings → No friction of metal on metal
- + **Motivation** through **ergonomic** advantages
- + **Modular construction system** - possibility of retrofitting to existing equipment



*MopScoop CR4 SCK GMP*

## Take it easy!

The validation of a cleaning and disinfection concept involves considerable effort. Since MopScoop can be used with all common products, there is no need for a new validation. The unmatched precision of 1.3% +/- guarantees a perfect reproducibility of the result and, with the relevant documents and reports, enables problem-free validation with little effort.

In addition, the combination of precisely adjustable dosing quantity and complete consumption of the prepared disinfection solution without residual quantity enables maximum responsible handling of disinfectants.

MopScoop has been developed as the first cleanroom cleaning system that realizes all potentials of improvement of the Systems that are already in the market. Considering all regulations the main focus is to make the daily work as easy and safe as possible.

The entire system can be operated almost entirely without the use of physical force. Gravity and leverage do it for you!

Benefit from the advantages of a sophisticated overall concept and...

**Simplify your cleanroom cleaning!**

