

NEW GENERATION OF CLEANROOM WIPES

Environmentally friendly surface wipe shown to be 99.99% effective



Effective cleaning and full contamination control are vital to the successful production of pharmaceuticals. Insufficient or careless cleaning of critical surfaces, precision instruments and machinery can cause severe cleanroom contamination.

Choosing the correct cleaning measures may sound like a small detail to outsiders, but we know that failing to attend to the smallest details can stop production or require the disposal of a complete production batch. Vigilance is required, and companies, manufacturers or researchers with cleanroom environments who are less than vigilant run a high risk of stoppages and batch disposals.

Contamination can arise from various sources in cleanroom environments – from operators, equipment, the product or the air. Contaminants land on surfaces and devices, compromising production and endangering operators' health and safety. Thorough cleaning of surfaces minimises the risk of contamination. However, not all cleaning materials are equally effective or environmentally friendly.

Clean your surfaces correctly

There are many types of surface-cleaning wipes available today and most are simple disposable knitted or polyester wipes, which are just thrown out after each use. However many of these conventional wipes tend to leave lint and residue on the critical surface.

There is a newer higher quality wipe, and because they are reusable and washable, they offer significant environmental improvements and have been shown to be very effective against bacteria. Wipes of this sort, like EvoControl 500+ Cleanroom Wipes, are made from high quality microfibers where each single wipe has laser-cut edges so the fibres melt together to give a perfect clean edge that helps avoid the release of particles and lint. The microfibers also have a high contact area, which effectively picks up liquid without leaving residue, providing a quality of cleaning superior to the disposables.

Remove contaminants in one wipe

When using a cleanroom wipe, you should leave the surface clean and free of residual contamination. This is critical when wiping up spills and removing particles from a surface. With good microfiber cleanroom wipes, like EvoControl 500+, you can clean spills and remove contaminants in one single movement, even on stubborn spots.

An independent institute tested the wipes' efficiency and found that they remove 99.99% of bacteria from surfaces without the use of disinfectants. The key is a unique, patented microfiber material, which helps operators to keep surfaces clean easier, so they can focus on their core tasks in the cleanroom.

Wipes, like EvoControl 500+ Cleanroom wipes, have been designed to hold the right amount of liquid and to distribute the liquid readily and evenly onto the surface, thereby fulfilling critical contact times.

Reusable high quality wipes vs disposable wipes

Compared to standard knitted wipes or disposable polyester wipes, reusable, high quality cleanroom wipes seem to provide a lower particle release rate, good contact with the surface, better bacterial and particle removal, higher absorbency and a lower amount of liquid residue on surfaces.

Furthermore, reusable wipes offer a more environmentally sound solution as disposing of single-use cleanroom wipes is costly, and doing so places a heavy burden on the environment. We in Berendsen offer service agreements for the new wipes, collecting used wipes, washing and redelivering them when needed, so our customers can save time on purchasing and discarding the disposable wipes.