

Sanitation and Disinfection Systems

The options for sanitizing and disinfecting have grown exponentially in recent years. From wipes to trigger sprays to mechanical sanitation systems, it can feel overwhelming. However, when it comes to surface sanitation and disinfection, choosing the right solution needs to be based on a solution that fits your application need. Whether you are looking for a solution for retail, food service, corporate or industrial environments, Goodway Technologies offers a selection of surface sanitizer and disinfectant systems to meet your needs.

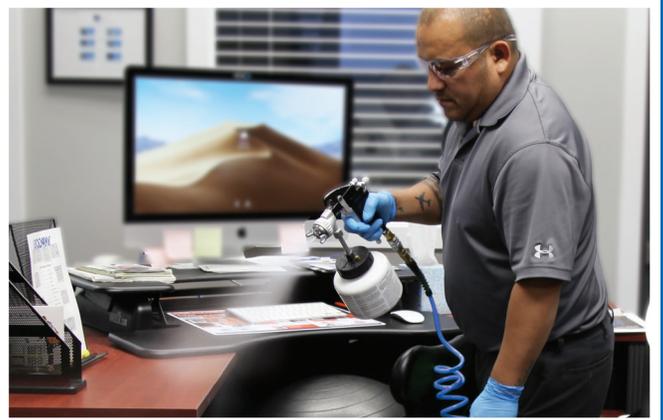
But which one is right for you? When considering or purchasing a surface sanitation system, run through this buying guide to determine your exact need.

Goodway Surface Sanitation Solutions feature BIOSPRAY® spraying systems and alcohol-based sanitizers/disinfectants. These products are E.P.A. registered and used for sanitizing surfaces against pathogens and microbes and inactivate viruses on hard non-porous surfaces.

DID YOU KNOW?

Disinfecting refers to using chemicals to kill germs on surfaces. This process does not necessarily clean dirty surfaces or remove germs. Still, by killing germs on a surface after cleaning, it can lower the risk of spreading infection.

The first piece of information that may help understand what level of protection you want for your environment is the difference between cleaning, sanitizing, and disinfection. If you are in a production environment where F.D.A., USDA, or other oversight bodies require certain cleanliness and sanitation levels, then those decisions have been made for you. We suggest you check with your corporate sanitation manager. If, however, you are not in those markets, and you are responsible for the safety of employees, visitors, patrons, guests, or others in your facility, then becoming familiar with the different levels of cleanliness, sanitation, and disinfection is an essential first step.



GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com

CLEANING VS. SANITIZING VS. DISINFECTING

While deciding what machine to buy, it is vital to first understand the difference between cleaning, sanitizing, and disinfecting.

CLEANING: Works by removing dirt and debris from surfaces through hand washing or mechanical cleaning processes.

SANITIZING: Reduces the number of germs and bacteria on surfaces and objects to a safe level as judged by public health standards or requirements.

DISINFECTION: For chemicals, disinfecting destroys or inactivate bacteria and viruses clearly identified on a chemical product label on hard, non-porous surfaces. Other means, such as steam, can also destroy or inactivate bacteria and viruses.

GENERAL SURFACE CHEMICAL SANITATION AND DISINFECTION

Which sanitizer or disinfectant chemical is right for our needs?

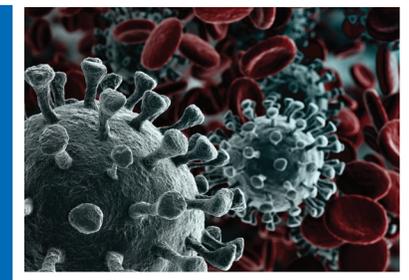
This is an essential step in the decision making process as it will also guide the type of spraying technology you choose. Goodway offers advanced surface sanitation and disinfection solutions for various markets, including facilities, food processing, healthcare, education, and more. Some markets require special chemicals to reach their specific sanitation and disinfection needs. Others may be looking to provide as safe an environment as possible and therefore have more flexibility in their needs. Goodway offers E.P.A. registered water-based disinfectants and alcohol-based sanitizers and disinfects.

- Alcohol-based sanitizers and disinfectants work best with sensitive areas like electronic and high-touch areas where quick drying is required.
- Water-based sanitizers and disinfectants work best for general disinfection needs when surfaces can remain wet for up to 10 minutes.

Choosing the right solution is essential. For example, if you are looking to sanitize or disinfect sensitive electronics, or require a quick turnover, like in a healthcare environment, then alcohol-based sanitizers and disinfectants would be a terrific choice.

They dry quickly, offer excellent sanitation and disinfection properties, and are generally safe on sensitive electronic surfaces like scales, machinery, computers, kiosks, and more.

If your applications are less time-sensitive, then water-based solutions might be better suited. These generally have longer "kill" claim times and require surfaces to remain wet for extended periods. However, they are also generally more affordable solutions too.



ALCOHOL-BASED
DISINFECTANT



WATER-BASED
DISINFECTANT

GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com

WHAT MACHINE IS RIGHT FOR YOU?

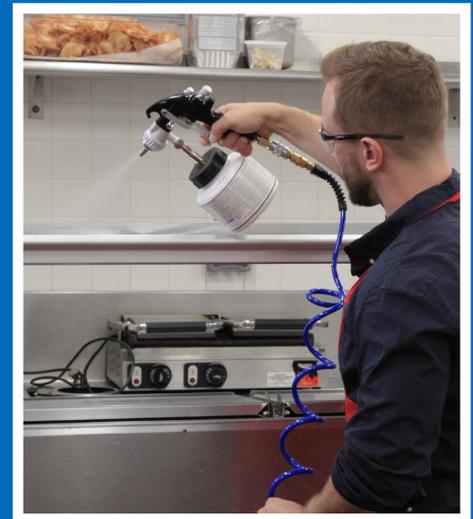
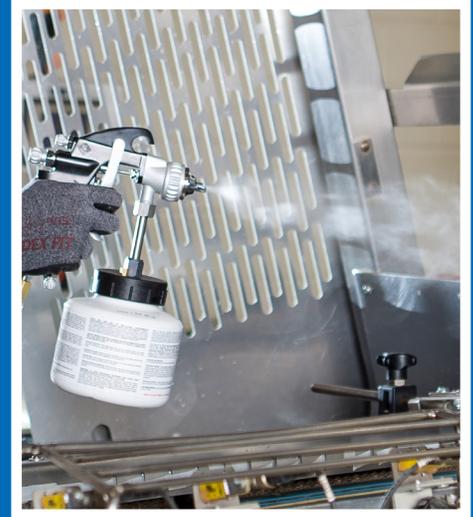
The newest **BIOSPRAY®** system is our most rugged, the **BIOSPRAY®-10C**. The **BIOSPRAY®-10C** features a broader wheelbase for stability on rough surfaces, making it ultra-versatile. Like the rest of the **BIOSPRAY®** systems, it requires no power. Still, looking for something smaller? The **BIOSPRAY®-5** is perfect for in-between jobs. Only weighing in at 18lbs, this ultra-portable surface sanitizer system is designed for on-the-go surface sanitizing and disinfection.

ALCOHOL SPRAYERS:

As reference earlier in the document, alcohol-based sanitizers and disinfectants offer superior performance for areas where sensitive electronics may exist or where quick turn over is required. This is why alcohol based disinfectants are the solutions of choice for food production, healthcare, dental, veterinary and other critical markets. And while these solutions are terrific, they do have some characteristics that can cause them to be flammable. So, to take advantage of their superior performance and be sprayed broadly, Goodway has developed technology that envelopes the alcohol on a CO2 gas stream, rendering the sanitizer/disinfect non-flammable. This technology is called **BIOSPRAY** and is used widely by industrial manufacturers worldwide. Recently this technology has been brought to the broader commercial marketplace.

Goodway **BIOSPRAY® Surface Sanitation systems** come in all shapes and sizes. Making it possible for every buyer to get a machine that is just right for them. All **BIOSPRAY** feature our alcohol-based sanitizer/disinfectant, **BIOSPRAY®-D2**, a combination of isopropyl alcohol and a powerful quaternary ammonium compound (E.P.A. Reg. No. 73232-1-83022). **BIOSPRAY®-D2** is powerful, hospital-grade, and quick-drying, making it perfect for non-food, water sensitive contact surfaces as well as food contact surfaces. The product is also INCLUDED ON EPA LIST OF DISINFECTANTS FOR USE AGAINST SARS-CoV-2 (Search EPA# 73232-1)

Your choice of a chemical will drive your decision for what spraying technology is right for you. Some may question why simple trigger sprayers or wipes aren't enough. The truth here is that using trigger sprayers or wipes to apply chemical are generally less effective than using customized sprayers. Why? Trigger sprayers tend to apply too much chemical into one specific area. This is not only wasteful but also leaves other sites untreated. Wipes, on the other hand, are convenient but can actually spread contaminants through cross-contamination while also leading to inconsistent applications. Both solutions are less than ideal when 100% coverage of surfaces is required. Goodway always recommends the use of mechanical sprayers that produce microdroplet spray patterns. Let's run through the current offering to identify each's benefits and help you make the right decision for your needs.



GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com

INDUSTRIAL/INSTITUTIONAL

SANITARY STAINLESS STEEL CONSTRUCTION

BIOSPRAY-20

Sanitize with a continuous stream for better coverage in dry clean areas. The **BIOSPRAY-20** is a perfect solution for industrial environments.

- Portable, heavy-duty industrial design
- For industrial environments
- Sanitary stainless steel construction for food safety needs
- Food and beverage production, industrial manufacturing applications, large hospitality, and more
- 20lb CO2 tank
- Continuous spray use
- Use with BIOSPRAY-D2



BIOSPRAY-10

Quickly sanitize high-touch surface areas without any power ever. The **BIOSPRAY-10** covers surfaces faster and more completely than conventional methods of trigger-spray bottles or wipes.

- Portable, industrial design
- For industrial environments
- Sanitary stainless steel construction for food safety needs
- 10lb CO2 tank
- Intermittent spray use
- Use with BIOSPRAY-D2



BIOSPRAY-20



BIOSPRAY-D2



BIOSPRAY-10

GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com

COMMERCIAL

BIOSPRAY-10C

Perfect for use in high contact, high turn-over areas like office spaces and cubicles, fitness centers, healthcare settings, nursing homes, and more. The **BIOSPRAY-10C** portable design makes it perfect for any environment.

- Portable design
- Use in corporate environments, industrial applications, large retail, restaurant, and more
- 10lb CO2 tank
- Intermittent spray use
- Use with BIOSPRAY-D2

BIOSPRAY-5

Designed for on-the-go surface sanitizing and disinfection. The **BIOSPRAY-5** uses no electricity and is powered by a lightweight 5lb CO2 tank.

- Ultra-portable design
- For commercial environments, retail, restaurant, healthcare/ dental/veterinary practices and more
- 5lb CO2 tank
- Intermittent spray use
- Use with BIOSPRAY-D2

Pair **BIOSPRAY®-D2** with our most extensive system, the **BIOSPRAY®-20**, and get a continuous stream, delivering better coverage than manual wiping in less time. Powered by an easy-load CO2 canister, this machine needs no power. Looking for something a little smaller? Check out the **BIOSPRAY®-10**. This portable surface sanitizing system offers similar speed and chemical usage savings to the larger **BIOSPRAY®-20**, but in a smaller, more portable solution. Perfect for high-touch areas such as door handles, bathrooms, elevators, gyms, medical offices, and more!



BIOSPRAY-10C

BIOSPRAY-D2



BIOSPRAY-5

GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com

DID YOU KNOW

A bacterial or viral outbreak like the flu or Norwalk virus can cause severe illness and even death. Also, an outbreak can be costly financially. Learn how Goodway Technologies' innovative solutions can help manage bacterial and viral outbreaks.

WATER BASE CHEMICAL SPRAYERS

Goodway offers a selection of sprayers for applying water-based sanitizers and disinfectants quickly and easily. These sprayers are designed to cover large areas rapidly. They are ideal for commercial real estate, educational facilities, healthcare facilities, and more. As mentioned, water-based solutions require longer dwell times. They should not be used where sensitive electronics area or there are quick turnaround needs.

These sprayers can be paired with BIOSPRAY-TOWER, an E.P.A. registered (82972-1-83022) hospital grade sanitizer and disinfectant and is labeled for a wide variety of uses on hard non-porous surfaces, including food-contact areas and in HVAC systems. The product can be sprayed or fogged. The product is also INCLUDED ON EPA LIST OF DISINFECTANTS FOR USE AGAINST SARS-CoV-2 (Search EPA# 82972-1)

BIO-JR

The BIO-JR is a portable hand-carried, or shoulder carried chemical spraying system designed for the quick and effective spraying of chemical products on a variety of surfaces. Use with water-based sanitizers and disinfectants.

- Deep cycle 12 Amp, 12 V rechargeable battery
- Integrated 3.3 gallon water or ready-to-use chemical tank and 1.75-quart concentrate chemical tank
- 18" wand, and a 25-degree spray nozzle

MP-50

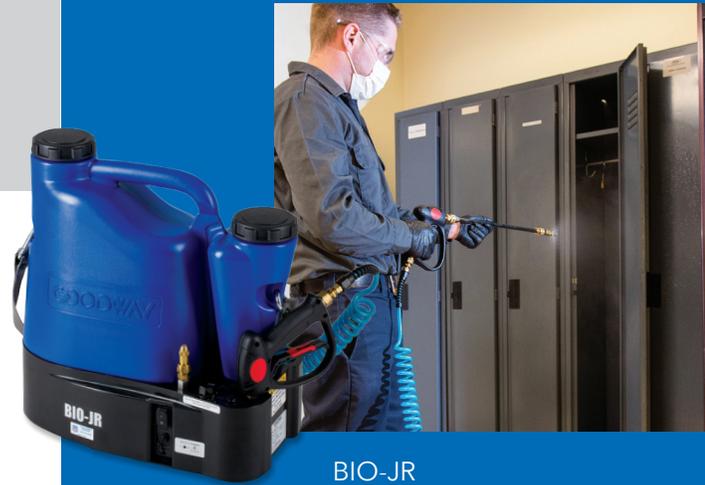
The MP-50 rechargeable sprayer provides an easy and convenient method for applying sanitizers and disinfectants.

- 12V rechargeable battery
- Adjustable spray nozzle
- 5-gallon integrated tank
- Large wheels for easy movement

AQ-FG FOGGER

Goodway heavy-duty foggers are designed to withstand the rigors of industrial sanitation and disinfection applications.

- 110V (220V available)
- Shoulder carried design
- Adjustable spray tip
- Ultra fine droplet technology



BIO-JR



MP-50



AQ-FG

GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
420 West Avenue, Stamford, CT 06902-6384 U.S.A.
Call Us Today: 1-800-333-7467 | Fax: 203-359-9601
goodway@goodway.com • www.goodway.com