

SPRAY DISINFECTION OF SURFACES

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WHY

In addition to direct human-to-human transmission, contaminated surfaces also pose a risk of transmitting viruses and pathogens. Especially in the current COVID-19 pandemic, this is of great importance: Studies show that SARS-CoV-2 viruses can survive for several days on surfaces that we come into daily contact with.

The WAGNER Group is a global expert in surface coatings. Our mission: We bring colour, protection and function to surfaces.

This makes us the ideal partner when it comes to disinfecting surfaces. With our mobile spraying units, the most common disinfectants can be applied to surfaces quickly, easily and even over large areas. In this way, we support people through our innovation and contribute to an effective reduction of the spread of viruses.



WHAT

- × Spraying technology allows a comprehensive surface coating with disinfectant – subsequently the microbial presence of bacteria, fungi or viruses can be reduced.
- × Disinfectants in liquid form, which are at least limited virucidal, are suitable for application to surfaces by spraying.
- × Disinfectant types: Based on alcohol, aldehydes, biguanides, bisphenols, diamidines, peroxygens, phenolics, quaternary ammonium salts and halogen-releasing compounds.

WHERE

Particular attention must be paid to areas in daily use, as well as to areas frequented by people who are or were already ill.

- × Locker rooms, bathrooms, sanitary facilities
- × Office spaces
- × Restaurants and food preparation areas
- × Education facilities
- × Public transport
- × Public amenities, entryways and public spaces
- × Door handles & cabinet pulls & knobs



SMALL SURFACES AND OBJECTS

Flow Rate = 0,5 l/min
Container Feed System
Ease of use and controllability
Water based disinfectant only!



LOW USAGE INTENSITY

MEDIUM SIZE SURFACES

Flow Rate = 1,25 l/min
Direct Suction System
Material saving tip (HEA)



MEDIUM USAGE INTENSITY

LARGE SURFACES AND PUBLIC AREAS

Flow Rate = 2,5 l/min
Direct suction system
High speed / Large coverage area
Multiple Guns, hose length and Tips



HIGH USAGE INTENSITY

WHO

The Spraying of disinfection solutions is commonly undertaken by the following groups:

- × Cleaning & Sanitation Providers
- × Municipality Workers
- × Janitors, Commercial and Residential Facility Managers
- × Safety authorities: Military and Reservists

HOW

SAFETY INSTRUCTIONS



Please observe the following safety instructions before use:

- × Always wear the necessary personal protective equipment („PPE“, see safety data sheet of the device: gloves, goggles and mask).
- × Never point the fluid stream at people or animals - there is a risk of injury.
- × Thoroughly read the operating instructions of the machine as well as the safety data sheet of the material and follow the instructions contained therein.
- × Do not spray any electrical devices and equipment.
- × When using flammable liquids, the machine must be operated outside the room where the spraying occurs (danger zone = 5 m distance from the application area).
- × If flammable disinfectants are used, sufficient ventilation must be ensured. Furthermore, no warm or hot surfaces are to be disinfected. If possible, electrical systems should be switched off and light switch operations prevented. There is a risk of explosion!

SETUP

- × Tighten the connections on the device firmly and check the seal of the device with water before using it with disinfectant.
- × Evacuate the water.
- × Fill disinfectant into the hopper or place suction system directly in the material container.
- × For HVLP units:
 - o maximum air setting with low material setting
- × For airless devices:
 - o Pressure setting: 70-100 bar (Control Pro Level 4)
 - o Nozzle selection: (recommendation 513, 311 for Control Pro)
 - o When using other nozzles, the application speed must be adjusted
- × Apply disinfectant quickly and evenly to the surfaces according to the material recommendations.
- × Please refer to the manufacturer's instructions for exposure times of the disinfectant you are using.

CHECKLIST

ATTENTION! THE FOLLOWING POINTS MUST BE FULFILLED BEFORE YOU USE THE DEVICE.

☐ 1. You have read the operating manual and all safety instructions and understand how the device functions. Legal, regulatory and normative requirements must be observed.

☐ 2. You have read all the information provided by the manufacturer of the material and have taken appropriate measures against all potential risks.

ATTENTION! USE ALCOHOL-BASED DISINFECTANTS ONLY WITH AIRLESS SPRAYERS (E.G. CONTROLPRO / PROSPRAY / SUPERFINISH)

☐ 3. You have installed the spray device 5 m outside of the hazard zone.

☐ 4. You have ensured there is sufficient natural or artificial ventilation of the work area.

☐ 5. You have checked that there are no possible ignition sources such as lit cigarettes, sparks, hot surfaces and open electrical outlets in the work area.

☐ 6. Remove all electronic devices from the area to be disinfected.

☐ 7. You are wearing appropriate personal protective equipment (PPE). Suitable work clothes, protective goggles, protection for your ears and gloves.

☐ 8. You have not modified the device or gun and you are using only original parts from WAGNER / TITAN.

ATTENTION! THE FOLLOWING POINTS MUST BE FULFILLED AFTER USING THE DEVICE.

☐ Flush the entire system thoroughly with water immediately after use or during work interruptions! Ensure that there is no remaining disinfectant liquid in the unit after each use.