

CS-4010 Spray Steriliser / Fogging System

Frequently Asked Questions

1. What is an electrical spray steriliser / disinfectant fogging machine?

It is an electrical aerosol generator that creates a super-fine mist of disinfectant liquid. The benefit of using a fine mist against viruses and bacteria is that it can attack them both in the air and on surfaces. The super-fine droplets can also access hard-to-reach areas, providing a more thorough coverage of disinfectant.

2. Is the CS-4010 spray steriliser CE marked?

Yes

3. What size particles does the spray steriliser generate?

The CS-4010 spray steriliser can generate aerosol particles of 3 different sizes simply by changing the nozzle. The middle size should be adequate for all general sterilisation applications of rooms and surfaces etc.

4. What is the capacity of the CS-4010 spray steriliser?

The CS-4010 can hold 2 litres of disinfectant.

5. At what rate does the CS-4010 spray the disinfectant?

This depends on which nozzle you use, since this impacts the size of the aerosol particle created by the sprayer:

- Nozzle 1 = 40 min/L
- Nozzle 2 = 18 min/L
- Nozzle 3 = 10 min/L

6. How heavy is the CS-4010 spray steriliser?

It is a lightweight unit (3.5 kgs) and comes with a shoulder strap for comfort

7. Where can an electrical spray steriliser be used?

- Healthcare - hospitals, GPs, dentists, clinics, test centres etc.
- Hospitality - hotels, restaurants, bars etc.
- Sports Clubs – GAA, soccer, swimming
- Recreational – gyms, cinemas,
- Retail – shopping centres, supermarkets, car showrooms etc.
- Transport – Bus, Train, Taxi, stations, airports etc.
- Education – schools, Universities, exam centres etc.
- Other – customs, border control, farms, apartment blocks...

8. Do I need to wear PPE when spray sterilising an area?

This will depend on the type of disinfectant used. However, MSC always recommends that you take proper precautions when using any disinfectant, including hand protection, eye protection and respiratory protection. You can also refer to the disinfectant instructions and chemical safety datasheet if you are unsure.

9. How long is the power cord of the CS-4010 spray steriliser?

The power cord is 10m long

10. How long does the room need to be vacated after sterilisation?

This varies depending on the type of disinfectant used – follow the instructions from the disinfectant manufacturer.

11. What disinfectants can be used with the CS-4010 spray steriliser?

- Hypochlorous acid
- Hydrogen peroxide
- Peracetic acid
- Sodium dichloroisocyanurate (SDIC)
- 84disinfectant (NaClO)
- **These sprayers cannot be used with alcohol or any flammable disinfectant.**

12. Do MSC offer a disinfectant to be used with the sprayer?

Yes, we will be stocking Hydrus 15 ready-to-use disinfectant which is safe to use and has been proven to kill Coronavirus. It falls under the category of hypochlorous acid / sodium hypochlorite disinfectant. It is available in:

- ETP-HY15.5 – Hydrus 15 5L bottle
- ETP-HY15.25 – Hydrus 15 5L drums
- ETP-HY.WIPES – 20 x 10 pack of Hydrus wipes.

13. How long does the room need to be vacated when fogging with Hydrus 15?

A key advantage of Hydrus 15 is that it is not classed as hazardous. We recommend letting fog clear before general readmission and also to allow the relevant contact time (min. 1 min) for the job at hand - but that is generally best practice for fogging and not due to a specific risk associated with the product.