

Clean Mask Decontamination Room



The 'Clean Mask Decontamination Room', or CMDR, is a mobile installation that cleans FFP2 and FFP3 masks on a large scale.

The COVID-19 epidemic is hampering the supply of various healthcare materials, including medical equipment such as surgical masks and personal protective equipment such as FFP2/FFP3 masks.

The container uses a new technology, which has been tested extensively and ultimately validated for decontamination on a large scale. The entire installation is located inside the converted container, which can clean 1,500 masks during every six-hour run.

Legal requirements/testing



The Federal Agency for Medicines and Health Products (FAMHP) issued a Directive to support the processing of surgical and FFP2/FFP3 masks in order to enable recycling through disinfection. The entire procedure was tested on the basis of this Directive.

Tests have demonstrated that 99.999% of the bacteria, yeasts and fungi present are killed by this treatment. Moreover, the masks still meet the strict requirements of the EU 2016/425 Regulation after cleaning.

The results of these microbiological analyses were recorded in a report. *

** This report is available on request*

Start-up



After installation, the container is validated by Labo Ecce, accredited for inspections by the Health, Food Chain Safety and Environment federal agency.

When starting up operation, the user will receive extensive training to ensure the proper use of the container.

This includes strict procedures/guidelines that are made available to the customer.

How does it work?



The CMDR can disinfect up to 1500 FFP2 or FFP3 masks using concentrated hydrogen peroxide.

A large quantity of used protective gear is hung up in the closed space. It is then treated with a dry mist of hydrogen peroxide.

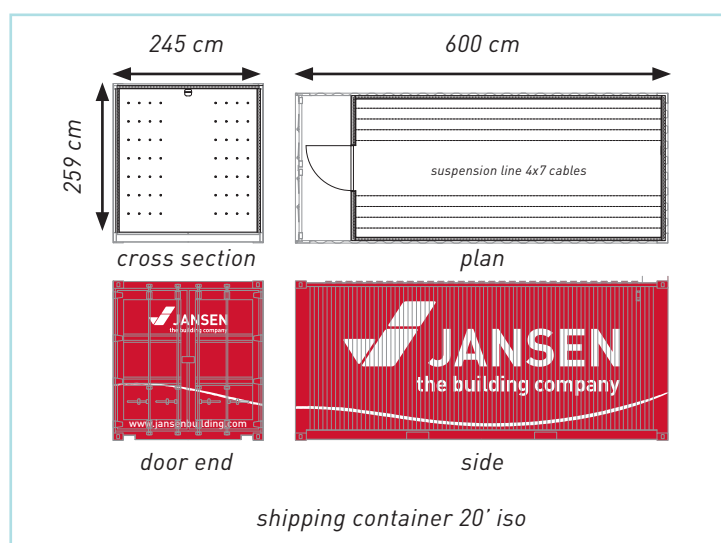
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Source: Belga, James Arthur Gekiere

Container – Description

- 20 ft sea container
- Dimensions (L) 6000 x (W) 2450 x (H) 2590 mm
- Smooth interior (walls and ceiling) lined with acrylic plates
- Smooth PVC floor finish
- Lighting + outlets for decontamination unit
- Entrance system with closable inner door
- Double outer door with heavy-duty combination lock
- Fitted with 4 x 7 stainless steel 'clothes lines'
- Includes 1500 S-hooks for attaching masks



Contact info

Have questions or want to place an order?

Contact our **CLEANROOMS TEAM** for a custom offer!

You can reach us by:

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