

UV-Disinfection

Cleanbox Agri

- UV-Disinfection without chemicals
 - Safe disinfection – room to room
-

Field of application:

Treatment of products for clean rooms:

- Stables
- Storage
- Entrance to cleanrooms etc.

Disinfection of:

- Goods
- Medicine
- Tools
- Equipment

**Effective protection
against viruses and
bacteria**

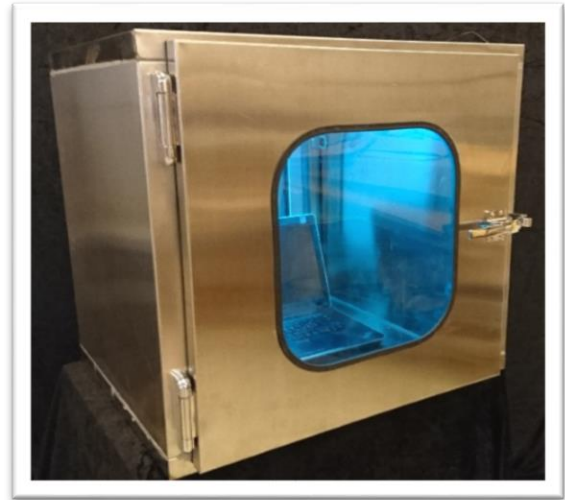
Operating principle:

Things like phone, pc, tools and utensils are placed on the grate in the box and the door is closed. This model is equipped with manual doors and an external control box.

The control box has contact for starting UV lamps and emergency stop. We recommend always using a UV sequence when the unclean door has been open, to prevent accidental air pollution.

The box is fitted with 4 UV-C lamps that disinfect all air in the box, as well as 95% of the surface of the items placed in the box.

The box can also be used as a disinfecting chamber from one side.



The structure of the box:

The cleanbox is made of stainless steel with two doors - one on each side.

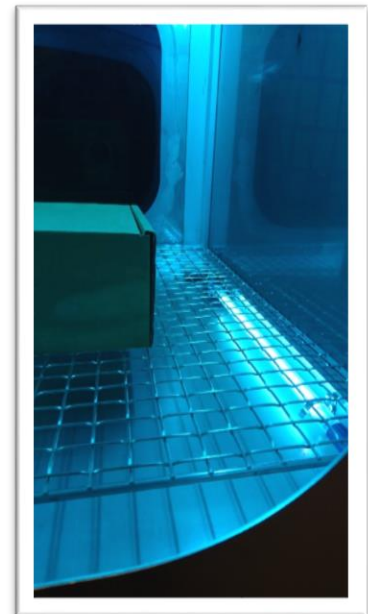
There is a window in the door, so the function of the box can be monitored.

In the box are 4 x UVC lamps mounted - one in each corner. The item is placed on the steel grate at the bottom of the box. The door closes, and the lamps go on for 2.5 min. The door is unlocked, and the item can now be removed from any side.

The standard box is 600x600x600 mm. inside and can handle items of 400x400x400 mm. up to 10 kg.

Treatment time:

At unknown microorganism, treatment time of at least 140 seconds is recommended for 4 lamps in Cleanbox Agri. See video of the box [here](#)
The treatment time can be adjusted as desired.



Below are examples of treatment time in sec. according to the number of lamps:

Disinfection of:	2 lamps 99% disinfection*	4 lamps 99% disinfection*
Coli in air, Legionella	14	5
Eberthella typhosa, Measles virus	40	15
S. enteritidis, Staphylococcus albus, Poliovirus, Influenza, Corynebacterium diphtheriae	52	20
Bacillus anthracis, Neisseria catarrhalis	66	25
Infectus Hepatitis, Bacillus subtilis	78	30

* on all surfaces that the rays can reach. The treatment time is based on a small item of 100x100x100 mm.