

JIMCO®

**UV-C & OZONE
Technology**



STOP CORONAVIRUS FROM SPREADING

EFFECTIVE DISINFECTION RATE



Coronavirus is known to spread from human to human rapidly. The number of infected increases daily and globally millions of people are confirmed infected with the virus.

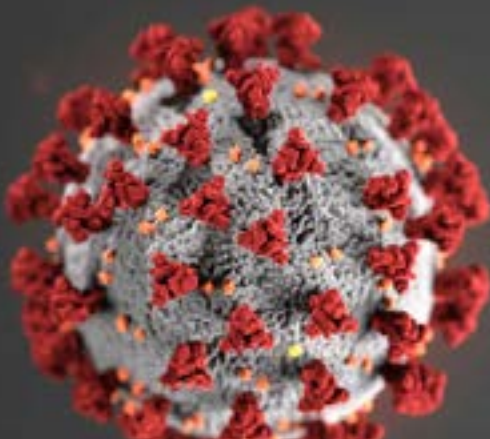
Authorities shut down factories to avoid that people gather in big crowds and people are afraid of traveling with airplanes and cruise liners. The coronavirus virus is paralyzing many businesses and especially the travel industry.

JIMCO A/S is specialized in some of the world's most unique and environmentally friendly air purification technologies and has a broad portfolio to combat the spreading of the coronavirus or any virus for that matter.

The JIMCO technology is based on UV-C and ozone, which is a natural way to reduce and eliminate unwanted viruses and bacteria.

**REMARKABLE
DISINFECTION
RATES**

**Staphylococcus aureus: 99,973 % · Candida albicans (yeasticidal): 98,741 %
Enterococcus hirae: 99,149 % · Escherichia coli: à 99,880 %
Pseudomonas aeruginosa: 99,898 %**



**DISINFECT
MORE THAN
99.99%**



JIMCO.DK

JIMCO[®]UV-C & OZONE
TechnologyDISINFECTS
MORE THAN
99.99%EASY TO MOVE
AROUND

COMPLETE DISINFECTION OF ROOMS AND SURFACES

- Disinfects in corners, chinks, ventilation ducts and surfaces
- No manual procedures
- No use of chemicals
- No use of water
- PLC controlled unit with datalogging, for documentation

FLO-D Mini

is designed to effectively decrease the spreading of any disease in rooms and areas.

Ozone gas has been proven to kill the SARS coronavirus and the structure of the new 2019-nCoV coronavirus is almost identical to that of the SARS coronavirus.

PATENTED ENVIRONMENTALLY FRIENDLY DISINFECTION TECHNOLOGY

Disinfect the most resistant envelope virus with more than 99,99 %.

The modified vaccinia virus Ankara (MVA) has shown to survive to more than 9 days on surfaces and was chosen as test virus because in Europe, MVA represents the official model virus for all enveloped viruses, including members of the virus family coronaviridae (like MERS-CoV, SARS-CoV-1 and SARS-CoV-2).

FLO-D MINI TEST

DECONTAMINATION TIME	DISINFECTANT	CONCENTRATION	HUMIDITY	REDUCTION
180 min.	Ozone	10.0 ppm	44.5 % - 73,5 %	> 99,99 %

EXPERT OPINION

Under the defined conditions a sufficient reduction of MVA could be demonstrated with ozone generated by FLO-D MINI - Mark 2. Therefore, ozone generated by FLO-D MINI - Mark 2 can be declared as active against MVA for room disinfection as follows: 10 ppm ozone for 180 minutes with a humidity of 44.5 % to 73.5 % under clean conditions.

A disinfectant or a disinfectant solution at a particular concentration is considered as having virus-inactivating properties if within the recommended exposure period the titre is reduced by ≥ 4 log (inactivation $\geq 99,99$ %).

Dr. Britta Becker
Head of Laboratory

Activity of ozone generated by FLO-D MINI - Mark 2 against modified vaccinia virus Ankara (MVA) in a quantitative non-porous surface test for evaluation of bactericidal and/or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional based on NFT 72-281:2011 under clean conditions. This expert opinion is based on the test report L20/0361 aMV3 dating 19/05/2020.



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