



PRESS RELEASE

Disinfection with Impelux-technology from UV Smart Lab-research proves: UV-C light kills Corona-virus

Delft – 4 August 2020 – Coronavirus found on instruments is effectively destroyed with UV-C light. This has been confirmed by research lab Eurofins commissioned by UV Smart.

It is already known that bacteria and viruses are killed by UV-C light. That is why it was plausible that this would also be the case for the coronavirus that causes COVID-19. However, because this is a new virus, it had not specifically been proven. For that reason, this has been researched with the UV-C disinfection devices of MedTech start-up UV Smart from Delft, the Netherlands.

The research was performed by the Eurofins Biolab in Italy, utilising an animal-isolated virus. The corona-virus material was illuminated for 25 seconds under controlled circumstances in the UV-C disinfection device 'D25' of UV Smart. What became apparent was that after the standard cycle 99,99% of the virus-material had indeed become harmless.

“Scientists and medical experts already had confidence in this beforehand, and these clear-cut results support this new, validated disinfection method. Meanwhile, our devices are already being used to minimize the spread of micro-organisms in medical institutions and hospitals and create a safer patient environment.” claims Daan Hoek, co-founder of UV Smart.

He continues: “However, these results do not mean that all sources of UV light, for example sunlight or UV lamps in consumer electronics, will destroy the coronavirus. This research shows that the powerful light source in our devices is effective; in fact, the patented Impelux-technologie does not harm the illuminated material, and no radiation is able to escape outside of the UV-box or 'D25', making it completely safe.

To meet the increasing international demand for these devices – that by now are CE-certified – UV Smart has increased the recent production.

==== End press-release ====

More information for the editorial office:

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Also see www.uvsmart.nl and www.eurofins.nl