

Press Release

Gräfelfing, May 27th 2020

Press Contact:
Catherine Gettert

phone: +49 (0)89 8 56 08-170
catherine.gettert@hoenle.de
Lochhamer Schlag 1
82166 Gräfelfing

Page 1 of 2

Scientific evidence for effectiveness of energy-rich UVC irradiation at inactivating Corona SARS-CoV-2 virus

In a research project, UV specialist **Dr. Hönle AG** were successfully able to prove that energy-rich short-waved UVC irradiation is highly effective for inactivating SARS-CoV-2 viruses. The tests were conducted at the **Institute for Medical Virology of the University Hospital Frankfurt.**

The results show that, using special Hönle UV units, the new Corona virus can be killed reliably within seconds. An **inactivation rate of 99,99% (log4)** was confirmed in the laboratory.

The tests were carried out applying different UV technologies – and showed a clear result: Whether the disinfection units were equipped with **UVC discharge lamps or UV-LED**, inactivation rate and inactivation time remained constant and reproducible.

Conclusion: The risk of infection with COVID-19 is reliably and efficiently minimized by disinfecting ambient air and surfaces with UVC irradiation.

Press Release

Press Contact:
Catherine Gettert

phone: +49 (0)89 8 56 08-170
catherine.gettert@hoenle.de
Lochhamer Schlag 1
82166 Gräfelfing

Page 2 of 2

UV specialist Hönle used these results for their **latest product series** **STERICUBE and STERIAIR**, consisting of UVC cabinets, UVC chambers and UVC hand lamps for germ inactivation.

These UVC units can be used for a multitude of applications: For disinfecting protective equipment and devices in laboratory and surgery as well as keys / key cards, credit cards or cash in hotels, restaurants and bars. It is possible to irradiate books and teaching materials in schools and libraries or smart phones, tablets and tools in companies as well as goods in the retail sector, for example shoes, handbags or glasses.

Besides on surface, Hönle UVC units inactivate germs in the ambient air and thus avoid a Covid-19 infection caused by aerosols. STERICUBE and STERIAIR devices can be applied in waiting rooms, guest areas and kitchens, group and classrooms and even in vehicles used for passenger transport like trains or buses.

For more information see: www.hoenle.com.

About Hönle: Dr. Hönle AG, head of Hönle Group, based near Munich, is one of the world's leading suppliers for industrial UV technology. The UV specialist, who is noted on the stock exchange, develops, manufactures and distributes UV/LED-UV systems, UV lamps and UV measuring equipment, worldwide. The systems are used for the cross-linking of photo-reactive substances, for air and surface sterilization, solar simulation and lighting.