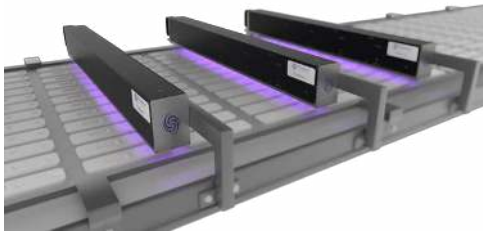


# Press Release

## Phoseon Technology Builds the World's Largest UVC LED Disinfection System to Date

*Designed to Inactivate RNase A in Covid-19 RT-PCR test kits*

Hillsboro, Oregon (June 21, 2021) - As the need for disinfection technology peaks since the 2020 global health crisis, Phoseon was approached by a major healthcare organization to aid in decontaminating molecular diagnostic tools. This project has now resulted in the world's largest UVC LED decontamination system to date. The increased urgency for accuracy and mass production of tests to prevent the spread of SARS-CoV-2 have brought to the surface a common challenge faced by healthcare manufacturers: scaling up production without compromising results. In this case, the components in question are parts of a COVID-19 reverse transcriptase-PCR test kit.



Phoseon's extensive experience and research on UVC molecule inactivation, combined with its expertise in large-scale manufacturing of UV LED curing systems, positions the company strategically as the innovator to bring about this industry-changing solution. KeyPro™ UVC LED Systems offer controlled, rapid, and reliable RNase inactivation, bringing speed and ease to the decontamination process. Further, Phoseon's patented Semiconductor Light Matrix (SLM™)

technology encapsulates LED arrays, optics, and thermal cooling technology to maximize disinfection performance, increase productivity, and reduce costs.

*“From the first customer interactions to the design and implementation of the system, we continue to support this healthcare organization as experts in the field.”*

-Theresa Thompson, PhD. Application Scientist, Phoseon Technology

UVC LED decontamination brings a personalized solution to long-standing challenges in the packaging and manufacturing of vulnerable materials. These findings extend beyond decontamination of Covid-19 rt-PCR test kits and apply to the packaging, pharmaceutical, food safety, or other industries that must remain contaminant-free.

### About Phoseon Technology

Since 2002, Phoseon Technology pioneered the use of LED technology for Life Sciences and Industrial Curing. Through our relentless innovation, we deliver high performance, reliable and patented LED based solutions. Our strong focus on customer collaboration has resulted in world-wide market leadership position and presence. Phoseon is an ISO9001 certified company manufacturing with products covered by more than 300 patents worldwide. We uniquely focus 100% on LED technology therefore ensuring superior reliability, business economics, and environmental benefits.

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