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ProPhotonix Limited

("ProPhotonix" or "the
Company")

ProPhotonix Launches Powerful All-in-One UVC and UVA Testing Solution: The New UV Pro Test Kit

[ProPhotonix](#), a leading manufacturer of advanced photonics solutions, LED illumination systems and laser diode modules, part of the [Exaktera Group](#), is pleased to announce the launch of the new [UV Pro Test Kit](#). This powerful and innovative all-in-one, plug-and-play solution incorporates up to two [UV Pro Area Lights](#) with a new [UV Pro Digital Controller](#), providing digital control of both UVC and UVA lights ensuring stability across long exposure times and repeat runs. With precise intensity adjustment and digital recipe creation via a 7-inch touchscreen interface, as well as high-power output of 250 W per channel, the system provides a complete solution for UVC and UVA LED light testing.

As interest in UVC LED technology continues to grow, engineers are looking for more precise, stable, and digitally controlled ways to evaluate its performance. The [UV Pro Test Kit](#) reflects the evolution of UV testing by bringing high-power UVC and UVA control into a single, integrated testing platform. Engineered for cutting edge applications in UV fluorescence-based machine vision inspection, UV curing, and disinfection, the [UV Pro Test Kit](#) enables efficient, repeatable benchtop testing before scaling to production, ensuring an improved user experience and reliable results in R&D environments. The test kit helps reduce costs, mitigate risk, and shorten learning curves associated with manual configuration.

The innovative controller supports flexible operation at 265 nm, 365 nm, and 405 nm, automatically detecting the wavelength of the connected [UV Pro Area Light](#) to ensure safe operation and optimal performance of each LED module.

Users can easily create digital recipes, including ramp-up sequences, exposure times, and custom light profiles, configuring all parameters through the responsive 7-inch touchscreen. With dual 250 W channels, the system provides high-power output and the precise, stable operation required by demanding UV applications.

“The [UV Pro Test Kit](#) was developed to remove complexity from UVC and UVA testing by delivering precise digital control, repeatability, and stability in a single, integrated platform, enabling engineers to validate UV applications with confidence before scaling to production” said Matthew Branch, Global Product Manager at ProPhotonix.

The [UV Pro Test Kit](#) features an integrated architecture that eliminates the need for separate drivers or coordination with multiple suppliers. It removes the challenges of manually configuring UVC and UVA lamps, while its compact form factor fits seamlessly into laboratory and small industrial workspaces, allowing easy handling and relocation.

For more information and to download the [UV Pro Test Kit](#) datasheet, visit:

<https://www.prophotonix.com/led-and-laser-products/led-products/led-area-lights/uvc-pro-area-light/>

For High-Resolution Images, click [here](#)

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About ProPhotonix

ProPhotonix is a high-technology designer and manufacturer of diode-based laser modules and LED systems for industry-leading OEMs and medical equipment companies. In addition, the Company distributes premium diodes for Ushio, Osram, and QSI. The Company serves a wide range of markets including the machine vision, industrial inspection, security, and medical markets. ProPhotonix has offices and subsidiaries in the U.S., Ireland, U.K., and Europe. For more information about ProPhotonix and its innovative products, visit the Company's website at www.prophotonix.com.

About Exaktera

Through its expertise in innovative light-based technology, Exaktera enables and improves critical and game-changing systems. Our brands, Z-LASER, VisioCablePro, ProPhotonix, Lumimax, autoVimation, and Advanced Illumination deliver laser and LED-based solutions that define system performance in varied markets including machine vision, automation, and medical solutions. Thorough applications expertise, optimized technology, and exceptional quality are central to the solutions we provide to our OEM and end-user customers. For more information, visit www.exaktera.com.