UV Industry News

Osgood Named Committee Chair

AquiSense Technologies Announces Price Reduction on PearlAqua Product Lines
AquiSense Technologies, Erlanger, Kentucky, announced a price reduction to its PearlAqua™ and PearlAqua OEM™ models. The reduction in price makes AquiSense’s systems more cost-effective, bringing pricing in line with conventional mercury-based UV systems. The price reduction was made possible by a variety of factors, including increasing purchasing power with suppliers and the establishment of new automation in its manufacturing facilities. Since launching the PearlAqua, both the UV-C LED device market and the PearlAqua design have progressed. For more information, visit www.aquisense.com, info@aquisense.com or call 859.869.4700.

Boston Electronics Unveils UV-Visible-Near-IR Silicon Hybrid Sensors
Boston Electronics, Brookline, Massachusetts, announced a line of broadband (UV-Visible-NIR) light sensors uniquely designed with selectable sensitivity ranges and amplified 0-5 V output. The new line is designated as Silicon TOCONs, noting its heritage to the UV TOCON products. The sensors output an amplified 0-5 volts to allow an easy integration with sensor electronics. Ten available models cover 12 orders of magnitude (picowatts/cm² to Watts/cm²) allowing the user to match the sensor to their first stage electronics and eliminate being forced to use non-optimum sensors and non-optimum electronic designs. The Silicon TOCONs are compact TO packages and well-shielded from external noise. Spectral coverage spans from UV to near-IR in a single sensor (290 nm-1010 nm). Applications include analytical instrumentation, chemical analysis, illumination control and laser detection. For more information, visit www.boselec.com, uv@boselec.com or call 617.566.3821.

New Klaran® Reactor Series Combines Leading UV-C LED and Reactor Designs
Crystal IS, Green Island, New York, released the Klaran Reactor series – a compact plug-and-play UV-C LED reactor for direct product integration of UV disinfection by POU water OEMs. Powered by Klaran UV-C LEDs, the Klaran Reactor series allows OEMs to quickly achieve maintenance-free UV LED disinfection that lowers the total cost of treatment through an efficient, third-party validated reactor design. With a disinfection capacity of over 20,000 liters, it delivers complete disinfection performance for the full lifetime of most countertop and under-the-counter POU purifiers. By combining Klaran UV-C LEDs and proprietary Klaran LED reactor design methods, OEMs achieve superior performance in a smaller, more design-friendly footprint. For more information, visit www.klaran.com.

High Stability 250 Watt Calibration Standard Lamp Proposed by Gigahertz-Optik
Gigahertz-Optik presents its BN-LH250 250 watt lamp as an alternative to the 1000 watt FEL and DXW type calibration standard lamp. Short- and long-term stability is achieved due to its highly stable filament. The lamp’s quartz envelope is frosted for a more uniform radiation pattern. The BN-LH250 includes a lamp base that fixtures the lamp securely in position with electrical connection made via two laboratory grade sockets. A protective cover with a transparent cross-hair target enables the precise and reproducible alignment/positioning in the calibration set-up. Also, each lamp is subjected to a burn-in process before its acceptance. The controlled aging process is recorded and confirmed by certificate. The LPS-250-BT power supply is available to power and control the BN-LH250. For customers who require the 1000W lamp standard, Gigahertz-Optik still offers the 1000W FEL and DXW lamp standards. For more information, visit www.gigahertz-optik.com.