



The threat is real. C.diff, MRSA, staph, salmonella and other superbugs are major issue within hospitals and healthcare related facilities, impacting 600,000 individuals a year, according to the Centers for Disease Control, or one in every 25 hospital patients. Healthcare-associated infections (HAI) are top of mind within the infectious disease preventionist community, which demands a reliable and effective method to kill pathogens on surfaces.

Recognizing that ultraviolet technology is the key to future fighting against surface pathogens, Spectra254 comes to market with its product based on years of research and development in the light technology arena. The company launched in 2013 to bring to the market a high power Ultraviolet light sanitization system that is used to kill germs on surfaces and in the air.

Spectra254 Sanitization systems are a “green” approach to the elimination pathogens on surfaces, using high-efficiency, high-output UVC light versus harsh chemicals. The UVC output is high enough to kill many times over what are considered to be some of the most virulent pathogens, including C. diff, MRSA, staph, salmonella, HIV, norovirus and so called superbugs, with just 5 minutes of UVC light exposure at a distance of 15 feet.

Company founder, CEO and long-time entrepreneur George J. Lichtblau holds more than 30 patents, many of them related to the two highly successful optic companies that he founded – International Fiber Systems, which was sold to General Electric Corporation in 2003 as a strategic acquisition to an \$11 billion Industrial Systems Division, and ComNet, a major producer of fiber optic, Ethernet and wireless transmission products that is still in business today. Lichtblau was also a pioneer in RFID tag technology, creating and then selling the technology to market leader Sensormatic.

Lichtblau, who holds a Master of Science in electrical engineering from Princeton University and an MBA from Harvard University, is complimented by a team of experienced Executives who are focused on bringing that same entrepreneurial spirit and outside-the-box thinking to the HAI marketplace by concentrating on the technological aspects associated with this major health concern. Through the exploration and refinement of UVC light technology, Spectra254 is following a course charted by the major tech companies, looking at the complete process rather than taking the more narrow view of a medical advisory panel.

Spectra254’s goal is to leverage state-of-art technologies that elevate performance, are easy to use and stand the test of time. As a privately held, fully funded enterprise with decades of experience in new product development, the principals of the company fully embrace the concept and importance of investing in new ideas that achieve long-term results.

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Spectra254 believes in the effectiveness of UVC light in eradicating pathogens and the potential it holds for ensuring better health for all. Future product development plans include the introduction of a variety of models and performances levels that will enable the effective use of UVC light for sanitization in areas where it was never considered.

“The spread of pathogens in the workplace is becoming a very real concern,” says Sanford Green, President of Spectra254. “The loss to the business in dollars, absenteeism and in some cases product recalls, is staggering. All of which could have been lessened with the implementation of a prevention protocol to eliminate this threat. At Spectra254, we are developing solutions tailored to these environments”.

At Spectra, there is also a strong appreciation for the power of American-made products. All Spectra systems are manufactured and assembled in an ISO 9000 facility that meets or exceeds the quality assurance standards as outlined by International Organization of Standards.

For more information, visit spectra254.com