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Innovations in Optics, Inc. Receives “Excellent” Quality System Audit Rating from One of the Top 10 Medical Technology Companies in the World.

Woburn, MA, January 20, 2022 - Innovations in Optics, Inc. [IOI] is proud to announce its audit rating of Excellent for its quality system from one of the world’s top ten medical technology companies. This recognition stems from IOI’s ongoing strategic growth of facilities, capabilities, and quality under the guidance of Dennis Donahue, recently promoted to VP of Manufacturing Operations.



IOI’s strategic investments, including an automatic die bonder and ISO Class 7 clean room, are facilitating product expansion into higher level systems for applications such as photolithography, machine vision, multispectral imaging, and endoscopy. These systems will be offered along with established LED product lines such as the LumiDL™ UV LED high power illuminator that has an installed base of over 2000. In fact, Innovations in Optics has shipped over 30,000 light engines within the last decade, with over 500,000 LED die bonded manually.

The new auto die bonder increases throughput by an order of magnitude with high precision and accuracy. Its ability to store complex bond programs supports the intricacy of die arrays unique to IOI. Advanced life test stations and an automated optical uniformity measurement system – all designed and built by IOI – enable rapid and reliable production of LED light engines with superior performance. A new three-stage reflow oven aids IOI’s in-house die and connector attach processes. An advanced MRP system, implemented during IOI’s expansion in June 2020, ensures efficient operations.

IOI will be at SPIE. Photonics West 2022, San Francisco, CA. January 24 -27.
Visit IOI at Booth #1755 or contact IOI for an on-site visit in Woburn, MA.

About Innovations in Optics, Inc.

Founded in 1993 and located near Boston, Innovations in Optics, Inc. offers high power LED light sources for science and industry that provide maximum photon delivery, illumination uniformity, and stable optical power. With 55 international and U.S. patents, IOI products offer system-level advantages over lasers and arc lamps in OEM equipment for many applications. Available LED wavelengths range from the UV through the near-infrared, including broadband white and multispectral options. IOI light engines are used as excitation sources in fluorescent imaging for life science applications, and they support photomask exposure, direct image writing, 3D printing, and photocuring. Extreme brightness LED projectors enable 3D machine vision. Fiber-coupled light engines provide superior light delivery for industrial borescopes, medical endoscopes, microscopes, and UV spot curing.