

Press Release

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JPSA Exceeds Laser System Shipments in 2010 by 250% from 2009

Manchester, NH USA – JP Sercel Associates, Inc. (JPSA) a leading manufacturer of laser scribing and laser lift-off (LLO) systems for LED production, announced that their 2010 shipments of laser processing systems for LEDs is up 250% in the first 3 quarters of 2010 from 2009 shipments. The increasing demand for high throughput 266nm front side scribing tools for sapphire, and HB LED wafers is being driven primarily by major Taiwanese and Korean manufacturers.



JPSA's IX-6100 With New IAP
(Integrated Automated Platform)

Founder and Chief Technical Officer of JPSA, Jeffrey Sercel said, "Our 266nm front side scribing continues to dominate the market because we are able to provide LED manufacturers higher throughput systems that enable more die to be packed onto each wafer. The increased die density and reduced damage from the laser scribing produces significantly higher yields than mechanical or saw dicing methods. To maintain our strong market presence, we continue to develop advanced processes in both scribing

and laser lift-off applications, and expect these applications to lead the way for the LED market.”

JPSA’s recently released automation platform for the IX 6100 laser scribing and laser lift-off systems is also shipping to LED manufacturers. The new wafer load and unload automation module, the IAP (Integrated Automation Platform), provides customers with dual-cassette wafer ports, further streamlining the manufacturing process, and increasing yields.

For continued development of advanced micromachining processes and production space, JPSA is in the final stages of expanding their Manchester, NH headquarters. The completion is scheduled for October 2010 and will also provide state-of-the-art clean rooms, R&D laboratories, and ergonomic office space to accommodate growing customer service and engineering teams.

JPSA is known worldwide for producing high reliability industrial systems based upon UV, Excimer, DPSS and ultrafast laser technology. The company’s micromachining systems, laser beam delivery systems, automation, and motion control systems are used in photovoltaic, semiconductor, biomedical, and other industrial applications. JPSA Laser also performs contract manufacturing, optical design consulting, applications development and excimer laser refurbishment services. JPSA is in the process of expanding their facility in Manchester, NH for continued applications development for solar, LED, semiconductor, biomedical, university, and other industrial processes. For more information on JPSA Laser, visit www.jpsalaser.com or call Joshua Stearns at 603-518-3248.