

For Immediate Release

Spectra-Physics® Launches Breakthrough >60 W Ultraviolet (UV) Laser

- Quasar® 355-60 also boosts maximum repetition rate by 3.5x, shrinks minimum pulse width by 2.5x

Santa Clara, CA – February 4, 2014 – Spectra-Physics®, a Newport company, introduces Quasar 355-60, an extraordinary UV laser that offers a groundbreaking >60 W with high >300 µJ pulse energies. Featuring TimeShift™ technology for programmable pulse parameters, the laser delivers dramatic advances of 33 percent in power and pulse energies, 3.5x in maximum repetition rate (0 to 3.5 MHz), and 2.5x in minimum pulse widths (<2 ns to >100 ns) over the >45 W Quasar 355-45 released last May. The new Quasar 355-60 transforms microelectronic device manufacturing, enabling major advances in both throughput and precision.

“Quasar 355-60 is an astonishing leap forward in performance and capability that propel mobile device manufacturing and other demanding applications,” says Scott White, senior manager, product marketing for Spectra-Physics. “The Quasar laser family has been shipping in volume for over a year, and our customers are delighted with its exceptional processing results and reliable performance.”

The remarkable Quasar laser is a hybrid-fiber laser, combining advanced fiber laser, power amplifier, and patented harmonics technologies to achieve unprecedented performance. Utilizing long-life components and state-of-the-art UV manufacturing processes, Quasar has passed extensive environmental qualification testing, and each laser in production is subjected to rigorous tests to ensure high reliability.



Spectra-Physics’ new Quasar 355-60 UV laser will be featured at SPIE Photonics West, Moscone Center, San Francisco, CA, February 4-6, 2014. Please visit Spectra-Physics at booth #1301 for a demonstration. For more information, go to www.spectra-physics.com/Quasar.

-more-

About Spectra-Physics

Founded over 50 years ago as the first commercial laser company, Spectra-Physics delivers breakthrough technologies that transform the way businesses operate and people live. From the manufacturing floor to the operating room to the research laboratory, the company has blazed a trail of discovery and success in lasers that continues to advance every day. Spectra-Physics is singularly focused on helping its customers use precision laser technologies to advance leading-edge science and propel industries forward. The company does so by offering groundbreaking technologies, deep applications expertise, disruptive cost-performance, a commitment to world-class customer experience, and the highest standards for operational excellence and continuous global improvement. Spectra-Physics is a Newport company and has offices in countries around the world, serving customers across a broad range of industry segments.

###

Company Contacts:

Herman Chui
Sr. Director of Product Marketing
Tel: +1 408-980-6996
Email: herman.chui@spectra-physics.com

Elizabeth Peartree
Sr. Marketing Communications Manager
Tel: +1 408-980-4305
Email: elizabeth.peartree@spectra-physics.com