

PRESS RELEASE

Accurate, Long-Term-Stable Endurance Runner

New Scan System - Custom Tailored for 3D Printing and Laser Cutting

Puchheim Feb. 5, 2015 – SCANLAB AG, the leading OEM supplier of systems for deflecting and positioning lasers, is introducing a new scan head at the Photonics West tradeshow in San Francisco, USA. The new high-performance intelli*SCAN* III 20 impresses with exceptional long-term stability – and incredibly low drift. This makes the 20-mm aperture scan head ideally suited for such large-image-field applications as 3D printing and laser cutting.



SCANLAB is debuting the intelliSCAN III 20 scan system at Photonics West in San Francisco, USA. With a 20-mm aperture, this new system delivers all advantages of the intelliSCAN product family: a wide range of options and efficient digital-servo algorithms, as well as application-specific and customer-specific tunings. The scan head's electronics provide comprehensive diagnostic and communication functionality.

And the intelliSCAN III 20's high-performance dynAXIS 3 galvanometer scanners ensure drastically reduced long-term drift and temperature drift.

A particularly illustrative application is high-precision 3D printing of moulds, where the laser must repeatedly rescan even the tiniest of structures, sometimes hours at a time. And a low-drift scan system is likewise crucial for laser cutting with large image fields and high power densities, as well as in industrial applications requiring multiple shifts and 24/7 operation.

Print-quality images can be downloaded at www.scanlab.de/en/_/Archive/Image_Library

Upcoming Tradeshows:

SPIE PHOTONICS WEST, February 10- 12, 2015 in San Francisco, California, USA, South Hall, Booth 2417.

Photonics World of LASERS AND OPTICS, March 16-19, 2015 in Moscow, Russia. LASER World of PHOTONICS CHINA, March 17-19, 2015 in Shanghai, China.

About SCANLAB:

With over 20,000 systems produced annually, SCANLAB AG is the world-leading and independent OEM manufacturer of scan solutions for deflecting and positioning laser beams in three dimensions. Its exceptionally fast and precise high-performance galvanometer scanners, scan heads and scan



systems find application in industrial materials processing and the electronics, food and beverage industries, as well as biotech and medical technology.

For 25 years, SCANLAB has secured its international technology leadership through pioneering developments in electronics, mechanics, optics and software, as well as the highest quality standards.

Press Contact:

SCANLAB AG

Ms. Eva Jubitz

Siemensstr. 2a

D-82178 Puchheim, Germany

Phone +49 89 800 746-0

Fax +49 89 800 746-199

E-Mail <u>press@scanlab.de</u>

Internet <u>www.scanlab.de</u>