

PRESS RELEASE

Smart Scanning for Laser Marking Projects

SCANLAB expands the successful SCANcube product family

Puchheim, Germany, 16th March 2021 – SCANLAB GmbH, leading provider of laser scanning solutions, presents a new scan system. The SCANcube IV, as the primary representative of this product range, features optional read-back functions, thereby providing an essential process monitoring component. Compared to the SCANcube III, the system linearity has been improved by 30 percent. The new housing design is both visually appealing and a functional element of the optimized heat management concept. With specific tunings, the new scan head can be optimally configured for various customer needs. One thing that remains unchanged in the new scan head generation is its outstanding price-performance ratio.



The requirements on a scan system can vary hugely depending on the laser machining process in which it is to be used. Laser marking or laser engraving processes, for instance, have very different requirements in terms of positioning speed or tracking errors compared to the requirements of processes in additive manufacturing (3D printing). To take these

differences into account while still offering a flexible, cost-effective solution, SCANLAB presents the latest generation of their successful SCANcube product family.

The new SCANcube IV can be perfectly configured for the required application using different tuning and mirror variants. In combination with an RTC control board, optional read-back functions for system monitoring and diagnostics are now available. This means that the actual position, temperature and other status values can be queried reliably during operation.

The system linearity, which has been improved by 30 percent compared to its predecessor the SCANcube III, makes calibration easier and enables more precise processing results. What's more, the new elegant, dust-tight housing provides optimized heat management and ensures that the system always keeps a 'cool head', even during demanding applications.

At the time of its market launch, the SCANcube IV is available to order immediately with a 10 mm or 14 mm aperture.

Image material is available to download at

<https://www.scanlab.de/en/news-events/image-library>

About SCANLAB:

With over 35,000 systems produced annually, SCANLAB GmbH 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 30 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 GmbH
Ms. Eva Jubitz
Siemensstr. 2a
82178 Puchheim, Germany

Phone	+49 (0) 89 800 7460
Fax	+49 (0) 89 800 746 199
E-mail	presse@scanlab.de
Internet	www.scanlab.de