**VITRONIC launches global rollout of the 3D body scanning platform BodyLoop**

**3D Body Scanner captures 360° images in under one second**

**Wiesbaden, xx.xx.2025** +++ VITRONIC, a leading global provider of machine vision technologies for various industries, is launching its new 3D body scanning platform BodyLoop on the global market. The system creates reproducible 360° images in under one second and delivers precise body data after minimal processing time. The technology is utilized for performance optimization in professional sports, sports medicine applications in prevention, as well as rehabilitation, general health promotion and longevity.

**3D Technology and Automated Algorithms for Comprehensive Body Analysis**

The BodyLoop 3D body scanner captures 360° images in under one second and performs automatic 360° body measurement using high-performance analysis software. The captured data enables comprehensive assessment of body statics and symmetry in athletes and patients – including distances, circumferences, volumes, and angles.

The minimal processing time ensures that collected body data is available almost instantly, accelerating all downstream processes. The speed of the 3D scan also makes body assessment less error-prone and more comfortable. Additionally, the high-speed system is suitable for mass scans, for example of entire teams.

**Reproducible Measurements to Visualize Physical Development**

BodyLoop body scans are precise, absolutely repeatable, and have no side effects, as they do not use radiation or similar methods. Therefore, scans can be repeated indefinitely to assess and document development in athletes and patients.

Furthermore, the 3D body scanning platform is intuitive and requires no special training or specialized personnel. The solution's ease of use, which was a strong focus during development, contributes to its to versatility and accessibility.

**Experience and Scientific Quality**

"With BodyLoop, we're setting new standards in 3D body analysis," explains Florian Krickl, Product Manager at VITRONIC. "The combination of speed, precision, and user-friendliness makes our system a valuable tool for athletes, physicians, and therapists worldwide."

The accuracy and reliability of the technology builds on the experience gained with its predecessors, the Vitus body scanners. These scanning solutions have been an internationally recognized reference in the market for over 30 years. They are applied in many fields, from biomechanics, sports science, and ergonomics to medicine, where their data serve as the basis for numerous studies. This experience from close collaboration with users has been incorporated into the technology of the new BodyLoop scanner.

**About VITRONIC**

VITRONIC is a leading provider of industrial machine vision and intelligent automation solutions. Founded in 1984 and headquartered in Wiesbaden, Germany, the company develops and manufactures innovative systems for quality inspection, identification, and process optimization in the fields of traffic technology, automotive, logistics, healthcare, and 3D body scanning. With annual revenue exceeding 260 million euros (2024) and approximately 1,400 employees, VITRONIC operates in more than 80 countries worldwide. Since 2024, the company has been part of ITIS Holding, a company of the PPF Group, strengthening its position as a global industry leader for intelligent traffic, infrastructure, and automation solutions. As "the machine vision people," VITRONIC has been pushing the boundaries of what's possible for more than 40 years, empowering its partners to master tomorrow's challenges.

For more information:
[www.vitronic.com](http://www.vitronic.com)

<https://www.vitronic.com/en-us/3d-bodyscan/scanner-for-performance-diagnostics>

https://www.linkedin.com/company/vitronicmachinevision/

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