

Press Release

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EVOSYS shows solutions for laser welding of plastics at MedtecLIVE with T4M and at KUTENO

Evosys Laser GmbH is exhibiting at this year's MedtecLIVE with T4M in Stuttgart and also at KUTENO in Rheda-Wiedenbrück. At both German trade fairs, the technology leader will showcase solutions for laser welding of plastics such as the compact EVO 0550 and EVO 0750 laser modules and the PICTOR measuring device.

Erlangen, March 2022: Evosys Laser GmbH will be exhibiting at MedtecLIVE with T4M, a merger of two major medical technology trade fairs, from May 03-05. The laser welding experts will show what is important when welding plastics in medical technology in Hall 10, Booth 348. The company will also be presenting its exhibits (Hall 3, Booth Z17) at KUTENO, the northern German subcontracting trade show from May 10-12.

The EVO 0550 and EVO 0750 laser modules enable efficient project planning and flexible use. Due to their compact design, they can be integrated into almost any manufacturing environment and thus offer maximum efficiency - even in fully automated industrial production. In addition, they are pre-calibrated and already contain the laser control system, which simplifies worldwide interchangeability and process transfer. Due to their ease of use and clean room capability, EVOSYS laser modules are well suited for use in the medical technology and pharmaceutical industries, as well as in the automotive and consumer sectors.

Due to its high precision, localized energy input and cleanliness, laser plastic welding is suitable for production in many industries. Typical applications include joining of housing parts or display windows but also medical devices and consumables such as sterile packaging, microfluidic components and lab-on-a-chip systems. The latter can be manufactured particularly hygienically using this process.

Also on display at the booth is Intego PICTOR, a high-precision transmission measuring device. This can be used to check both the optical properties of plastic components before the welding process and the finished weld seam for any deviations and defects - for each individual component. This is partly indispensable for quality control in modern manufacturing.

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**Print free of charge,
copy requested**

Visitors can bring their own material and product samples to the show and have their transmittance determined at the EVOSYS booth using PICTOR.

Amount of characters: 1.900

About EVOSYS:

Evosys Laser GmbH develops and manufactures tailor-made systems for laser welding of plastics. With many years of market and process experience of its employees, the company offers creative and innovative solutions for integration into automation solutions worldwide. A service package ranging from design consulting and sample production in the company's own Technical Center rounds off the product range.

The company has already received several awards, such as the TOP 100 Innovations Champion award in the year 2020. There are also intensive contacts with the university location Erlangen-Nuremberg and the Bayerisches Laserzentrum.

The Evosys Group consists of four companies, the parent company Evosys Laser GmbH, the subsidiary Evosys Laser Services GmbH and the regional offices Evosys (Suzhou) Laser System Co., Ltd. in China and Evosys North America Corp. in USA.

The PICTOR measuring device was developed by Intego GmbH in close cooperation with EVOSYS for improved quality monitoring. INTEGO is a partner of Evosys Laser GmbH and an established expert for customized inspection systems.



Pictures:



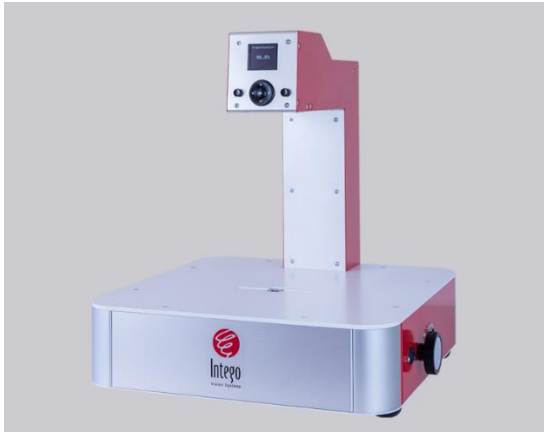
At the two German fairs MedtecLIVE with T4M and KUTENO, Evosys Laser will be showcasing the flexible EVO 0550 and EVO 0750 laser welding modules - a fast and straightforward solution for laser welding of plastics in production.



Laser plastic welding is suitable for applications from the automotive, medical or consumer sectors, such as this loudspeaker that can be integrated into a helmet.



That is how laser welding of plastics works...



The PICTOR transmission measuring device is used to test the preliminary products and thus enables efficient quality assurance in laser plastic welding.