

HAHN Automation Group at Fakuma 2024: Innovative Solutions for Plastics Processing in the MedTech and Electronics Sector

Visit us at Fakuma 2024, Stand #3115 in Hall B3, and discover the latest technologies and solutions from HAHN Automation Group, tailored to the evolving demands of the plastics processing industry.

Our experts are on hand to inform you about the latest developments and innovations. We are especially proud to highlight our advances in MedTech product development and an evolution of the stitching manufacturing process.

MedTech Validation Cell: Realistic Testing and Comprehensive Validations

Our MedTech Validation Cell allows the testing of pharmaceutical products under real production conditions, offering comprehensive development and validation possibilities. This flexible automation cell direct take-out from the injection molding machine as well as replication of all downstream manufacturing processes.

Highlights of the MedTech Validation Cell:

- **Real Production Conditions:** Test and study the interaction of materials, constructions, components, and processes.
- **Comprehensive Validation Services:** Ideal for polymer-based products that need to be combined with pharmaceutical active ingredients.
- **Optimized Quality Assurance:** Validate critical processes to ensure safe and reliable production.
- **Design and Process Optimization:** Support in selecting appropriate processes and improving product design for maximum efficiency.

Latest Stitching Technology: Maximum Flexibility with Minimal Maintenance

Our innovation in the stitching manufacturing process eliminates complex mechanical components and relies on a purely servo-driven solution. By utilizing multiple motors coupled via software as a "virtual cam," we offer a lean, low-maintenance, and highly flexible solution.

Advantages of This Stitching Technology:

- **Flexible Placement Patterns:** Various patterns without additional setup effort.
- **Compact Design:** High pin count even with a small cross-section.
- **Low Maintenance and Energy Efficient:** Thanks to state-of-the-art servo drive technology.

Full-Service and Personal Support – Around the Clock

The HAHN Automation Group offers comprehensive full-service and personal support. Whether consulting, implementation, expansion, or recommissioning – we are there for you 24/7. Our dedicated service team ensures that your operational processes run smoothly and efficiently.

Meet Our Experts On-Site

Take the opportunity to discuss your next project with our specialists and receive tailored solutions for your individual requirements. Together, we will find the right service package for you.

We look forward to your visit at Fakuma 2024, Stand #3115 Hall B3! For more information, please visit: <https://www.hahnautomation.group/de/fakuma-2024/>

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Image HAGroup_MedTech_Validation_Cell:

Caption: The MedTech Validation Cell of the HAHN Automation Group – Our way to prove your concept

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Image 202408_HAGroup_Image_Stitching

Caption: Contact insertion and stitching.

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About the HAHN Automation Group

The HAHN Automation Group is the global solution partner for factory automation. The company stands for industry-specific know-how, an extensive project portfolio, and a global organization with a focus on providing service all from a single source. From manual stations to semi-automated cells and full production lines, 1,800 employees across 20 locations worldwide work on custom solutions. In addition, the digital product portfolio helps manufacturers gain a competitive edge by increasing efficiency and paving the way to a smart factory. Customers in the Automotive, Electronics, and MedTech industries have benefited from our expertise for more than 30 years of providing experience and international innovation.

Further information can be found at www.hahnautomation.group.