

A Smarter Approach to Automation for Medical Device Manufacturers

Hahn Automation Group has over 30 years of experience providing innovative automation solutions globally. We work closely with manufacturers in MedTech industries to create custom, scalable solutions using the latest technologies and digital tools. From manual stations and semi-automated cells to fully-automated systems and production lines, our approach involves working with your team to determine the best solution to meet your needs and budget while adapting to the changes often associated with MedTech manufacturing.



Assembly Equipment

We turn intricate assemblies into repeatable, consistent processes. We evaluate all of the various subassemblies, overall production footprint, and operator familiarity to determine a custom automation solution that fits your manufacturing needs and overall budget.



Test Systems

We offer a range of flexible, extensive systems for end-of-line testing, force simulation, electrical testing, and more. Test your devices against external forces not tested during the assembly process and enable operators to perform precision assemblies with less rejects.



Inspection Tools

Seamlessly measure and validate the presence, alignment, and orientation of components throughout the entire assembly process with machine vision and error-proofing solutions, programmed and trained to your quality standards and production environment.



Ready to Discuss Your Next Project?

Hahn Automation Group has experience across a wide variety of MedTech devices.



Surgical Devices

Our equipment helps manufacturers increase consistency, improve inspection, support better material handling, and reinforce operator ergonomics and safety.

- Vision-guided assembly
- Laser welding and marking
- Validation



Vascular Devices

We design and build equipment for complex material handling and quality inspections, helping you ensure the integrity of your devices and your brand.

- Coiling & braiding
- Liner reflow
- Electrical testing



Drug Delivery Devices

We help manufacturers prioritize patient safety and consistent availability. Let us help you assess the level of automation needed to scale your production at the right pace.

- Material handling
- Complex assembly
- Vision inspection



Bio-MEMS

Bio-MEMS have become an integral part of medical devices used for neuromodulation, pacemakers, and more. We offer the latest techniques for inspection and error-proofing assembly.

- Spot welding
- Functional testing
- Dimensional inspection



Diagnostics

We support customers with every step of the production process, from the removal of medical plastic injection molded parts to supplementary inspection, coating, and assembly processes.

- Injection molding
- Cavity sorting with Vario Tip®
- Surface treatment



Ophthalmic

Our solutions help ensure precision in automation, maintaining hygienic production conditions and solving complex production challenges.

- Lens handling
- Blister sealing
- Siliconization