

# AMETEK HAYDON KERK PITTMAN IN LAB AUTOMATION

Customizable, fully tested assemblies that help your lab automation product become more efficient, compact, quiet, and precise.

## Enhancing Lab Performance



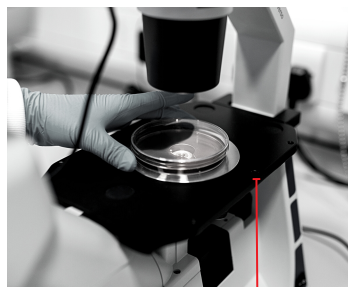
### Centrifuges

Brushless (BLDC) motors are an essential component driving efficiency in a centrifuge. These motors must be not only smooth and precise, but also quiet and resilient. HKP's suite of BLDC motors is rigorously tested to ensure accuracy throughout expected lifespan. Further, HKP's IDEA Motor Series brings compactness and design simplicity to precision servo motors with integrated programmable drives.



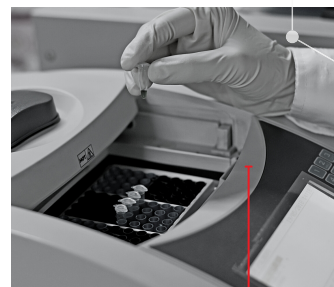
### Electronic Pipettes

Reliable, small DC or stepper motor and lead screw combinations bring increased accuracy and precision to electronic pipette applications. Our highly tested 15mm can-stack stepper provides the desired performance while limiting the weight of the overall pipette. The stepper can also be fitted with a variety of nut types to meet strict application specifications.



### Motorized Microscopes

Fully motorized microscopes in a lab setting help improve calibration, ergonomics, and sample cleanliness. This equipment is designed with motorized stages, actuators, and miniature lead screws to ensure performance excellence. Our new MiniSlide excels in fine XY positioning. Its Haydon actuators are available with captive designs to provide optimal accuracy and nanometer precision. Miniature lead screws are available in multiple pitches to balance speed, force, and backlash.



### PCR Machines

Motorized rails are essential for providing accuracy and functionality in a PCR system or thermal cycler. Haydon Kerk rails are pre-assembled and fully tested, eliminating the frustrations of coggling with other suppliers. Rails also come in a variety of sizes, including customized assemblies, to accommodate multiple types of systems.

## Products that Fit

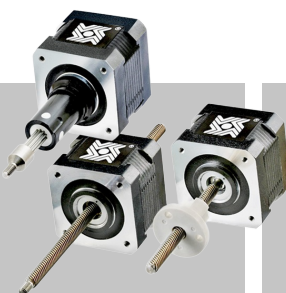
### Can-stack Stepper Motors

Precise remote-controlled linear movements.



### Hybrid Stepper Linear Actuators

High performance and exceptional endurance in a very small package.



### Lead Screw and Nut Assemblies

Maximum accuracy, high reliability, smooth and quiet operation, and low cost.



### Brushless DC Motor with Integrated Drives

High-torque, precision servo motor integrated with an IDEA® Drive in a compact unit.



### Slide Rails and Guide Systems

Exceedingly configurable, simple to integrate, ideally suited for small lab and automation equipment.



### Multi-Axis Motion

Z-Theta: Linear and rotary point-to-point motion in a compact footprint, designed for easy integration in OEM assemblies.



**HKP Advantage**  
Dedication  
Quality  
Expertise



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