

Servo Actuators for Medical Automation

Application Challenge: The medical device industry requires several features and capabilities in a motion control solution. The actuator and servo control must be environmentally friendly, easy-to-use, highly efficient and most important, reliable.

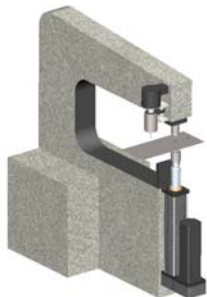
Exlar Solution: Exlar's all electric actuators are excellent replacements for hydraulic and pneumatic actuators. Exlar's patented GSX Series actuators offer power density similar to hydraulic actuators without the inconvenience, mess and maintenance required of oil powered hydraulic systems. Providing twice the efficiency of hydraulic systems, an Exlar solution can save significant energy costs. Using commercially available servo amplifiers, the set-up time of an Exlar electric system is far less than a fluid power system.

Exlar Products:

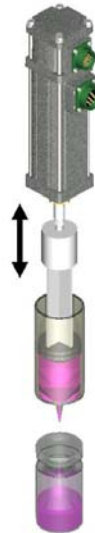


GSX Series linear actuators provide smooth and accurate motion in a compact, completely sealed package.

Controlling ultrasound welding equipment, laser cutters or water jet cutting heads are all perfect applications for the precise high force motion available from Exlar actuators.



Fastening and joining applications can be made more precise with increased throughput using Exlar's all electric actuators. High cycle rate capability and high shock load capacity make Exlar's actuators a reliable motion solution.



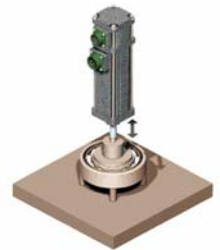
10 years of experience as the leading supplier of volumetric filling, fluid dispensing and pumping actuators makes Exlar an excellent actuator source for your fluid dispensing systems. Other applications include:

- Fluid Dispensing
- Volumetric Filling
- Web Guiding and Control
- Ultrasonic Welder
- Positioning
- Water Jet Control
- Laser Positioning
- Presses
- Fastening and Joining
- Table Positioning
- Patient Lifts
- Wheel Drives



Perfect solutions for high response web controls, Exlar actuators provide high force, speed and precision; all from a very compact completely sealed package.

High force and precision from Exlar's actuators makes them ideal for assembly presses. Precision position control at high forces and high stiffness make Exlar actuators perfect for applications requiring force sensing as well as positioning.



Optimize your application with Exlar actuators. Visit www.exlar.com for complete product information or call us at 952-500-6200. You may also email us at info@exlar.com.