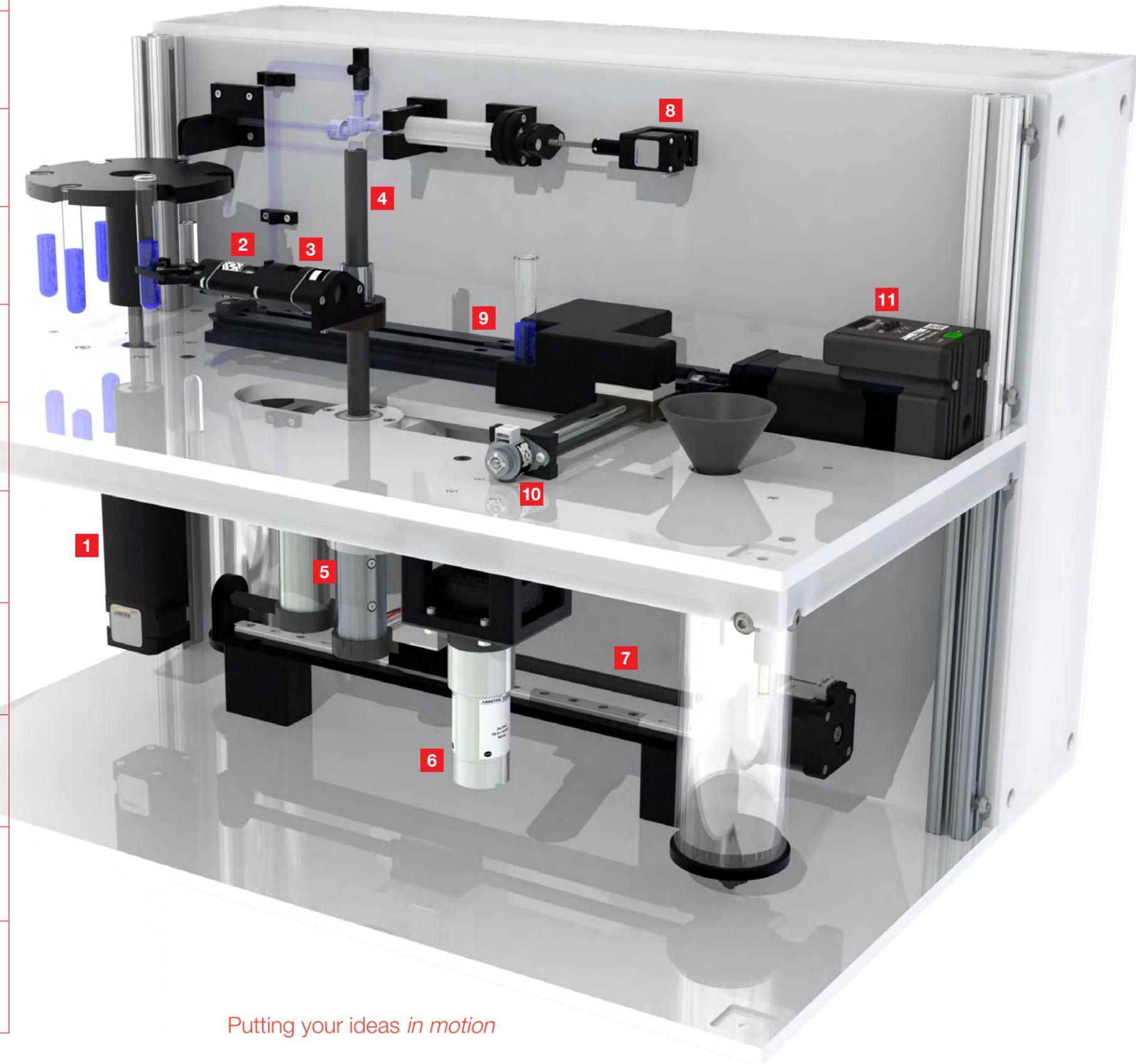




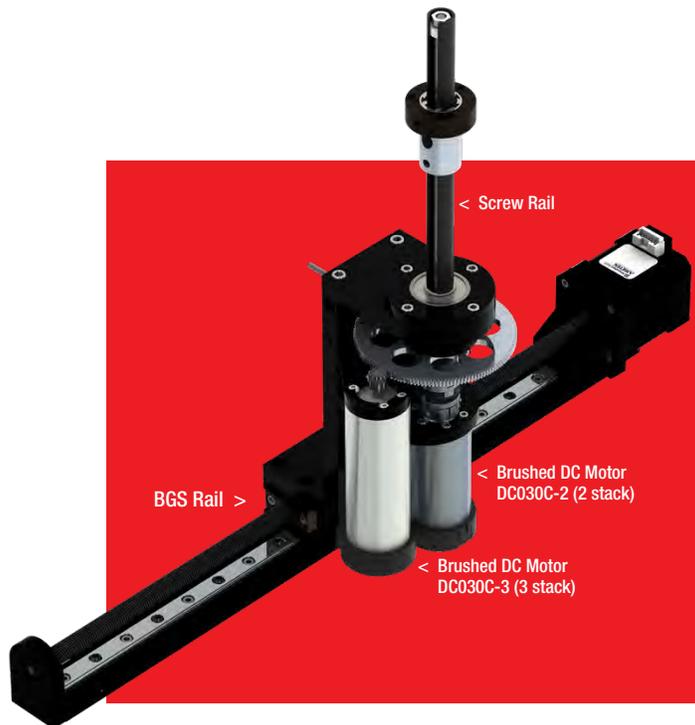
DEMO

Linear Motion Solutions
for Lab Automation

1		<p>Size 17 Dual Motion Actuator operates the lift and rotation action of the test tube carousel. Dual Motion Actuators provide precise linear and rotary motion in a simplified package, while reducing overall cost of implementation and improving reliability.</p>
2		<p>The Non-Captive Z20000 Series fulfills the linear motion of a basic gripper-end effector by picking up and dropping off the test tube sample.</p>
3		<p>The Z26000 Can-Stack Rotary Stepper Motor operates the axis that tilts the test tube to dump.</p>
4		<p>The ScrewRail® drives the test tube pick and dump operation. With combined guidance and load support functions in a single coaxial component, the ScrewRail reduces used space by 80%.</p>
5		<p>Two DC030C Brushless DC Motors with optional Encoders, provide precise position control on the ScrewRail axes, to pick and dump the test tube.</p>
6		<p>The DC030B Series Brush Commutated DC Motor operates the peristaltic pump. The motor includes an optional G35A Gearbox for increased torque output, and optional E30D Encoder and B30A Brake.</p>
7		<p>The motorized BGS™ Linear Rail carries the offset load of the ScrewRail and gearmotor assemblies for the test tube pick and dump operation. With loads up to 225lbs (1kN), this is the highest rated rail system in our product line. With Black Ice™ coated lead screw.</p>
8		<p>21000 Series, Size 8 Captive Linear Actuator operates at the center of the compact syringe pump. This actuator ideally suits the limited space and is typically used in linear motion applications that include medical equipment and instruments, semiconductor handling, valve control and X-Y tables.</p>
9		<p>As the test tube return axis, the motorized WGS High Speed Linear Rail is well suited for the speed of a belt drive, but the precision of a screw. Rated for loads up to 35lbs and speeds in excess of 60in/sec (1.5m/sec). With Kerkote® coated lead screw.</p>
10		<p>New for 2019, the Mini-Slide executes the motion of moving the test tube and carrier from the dump position to the high speed WGS return axis.</p>
11		<p>The high speed return of the test tube sample is provided by a single compact unit. New for 2019, the EC042B IDEA™ Motor enables distributed control without the use of a costly PLC or external motion controller. The IDEA Motor integrates a high-torque, precision servo motor and IDEA Drive.</p>



Putting your ideas *in motion*



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