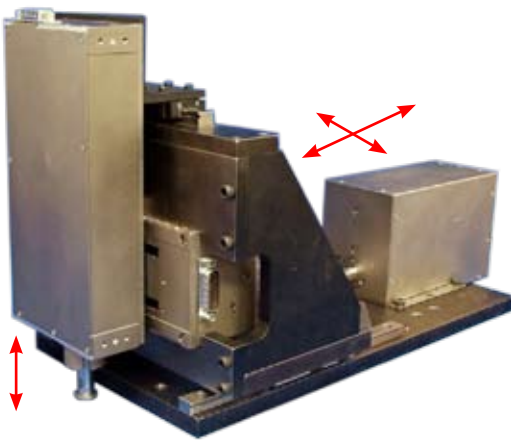


Multi-Axis Orientation Options

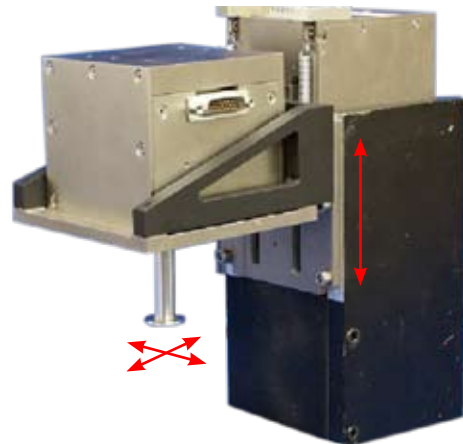
SMAC offers versatile and flexible multi-axis solutions. The systems with SMAC multi-axis solutions deliver the capability to learn and follow a 3D contour or motion path with a high degree of speed, precision, accuracy, and repeatability. All combinations of SMAC actuators can be used: linear, linear slide, linear/rotary and XY stage axis.

SMAC multi-axis solutions feature and utilize linear/circular interpolation and electronic gearing which enables a constant speed while following the chosen XYZ axis contour. Ideal applications are measuring and testing (i.e., quality control), pick and place, deposition, machining, scoring and cutting, to name a few.

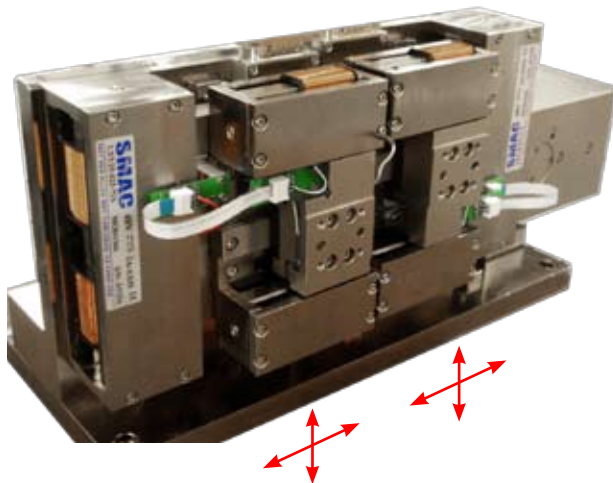
Multi-axis systems with SMAC actuators enable total programmability of speed, position and force, all at the same time, with an exceptional degree of accuracy and repeatability. These multi-axis systems offer a wide range of solutions with a number of highly flexible control interfaces. When system integrators consider SMAC actuators, many new opportunities are now available with airless, clean-room capable features. These are some examples of how SMAC actuators have been combined.



Multi-Axis LAL35, LAL95 and LAS95



Multi-Axis LXY15 and LAS95



Multi-Axis LXY15 and LAL95

