

WC100x100 XY Stage



The WC100 is a stiff mid plate XY design with 100mm x 100mm travel in a very compact footprint. At around 3.5 inches tall it is a perfect stage for desktop instruments such as inspection, imaging, laser, micro assembly, and medical sample and assembly. The precision ball screws provide great precision, repeatability and accuracy in this application. The NEMA 23 motor mounts allow for a wide variety of motors for our customers to make this an easy integration into existing or new applications. The stage pictured has optional stepper motors with high resolution and high torque. The WC series XY stage is a low-cost high-performance product that is quickly becoming a favorite in the automation industry.

Specifications	
Travel	100mm x 100mm
Drive Type	1mm Ball Screw Lead
Accuracy	15.0 μ m / per axis
Bi-Directional Repeatability	\pm 2.0 μ m / per axis
Straightness	\pm 2.0 μ m / per axis
Flatness	\pm 2.0 μ m / per axis