

7SWA01 Series Motorized Biaxial Translation Stages



Characteristics

- Equipped with a stepping motor and a standard DB9 or aviation plug, 7SC series motion controllers for automatic control;
- Compact integral design, high precision of orthogonal;
- Driving by high quality ball screw rod, good repeatability, long life, big load;
- Cross roller guide with comfortable movement, high precision and big load;
- High quality elastic coupling for connecting motor and ball screw rod, synchronous transmission and little noise;

Model	7SWA01100/7SWA01100A	7SWA01200/7SWA01200A
Travel	100mm×100mm	200mm×300mm
Minimum size for light through	138mm×138mm	222mm×272mm
Lead for screw rod	4mm	
Resolution(8 subdivision)	0.00125mm	0.0025mm
Repeatability	0.005mm	
Standard motor	42 stepping motor(0.9°)	42 stepping motor(1.8°)
Maximum static torque	0.4N·m	
Rated working current	1.7A	
Maximum load	20kg	
Weight	13kg	22.5kg