

7STA10 Series Motorized Precision Translation Stages



Characteristics:

- Equipped with a stepping motor and a standard DB9 plug, 7SC series motion controllers for automatic control;
- Ultra-thin, space saving;
- Precision grinding screw rod, high resolution;
- 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; 6. Hand wheel to adjust by manual;

Model	7STA1030	7STA1050	7STA10100
Travel	30mm	50mm	100mm
Lead for screw rod	1mm		
Resolution(8 subdivision)	0.000625mm		
Maximum speed(2 subdivision)	10mm/s		
Repeatability	0.005mm		
Axial clearance	0.02mm		
Standard motor	42 stepping motor(1.8°)		
Maximum static torque	0.4N-m		
Rated working current	1.7A		
Central load	10kg		
Weight	1.3kg	1.5kg	2.1kg