ULTRA PRECISION COORDINATE STAGING

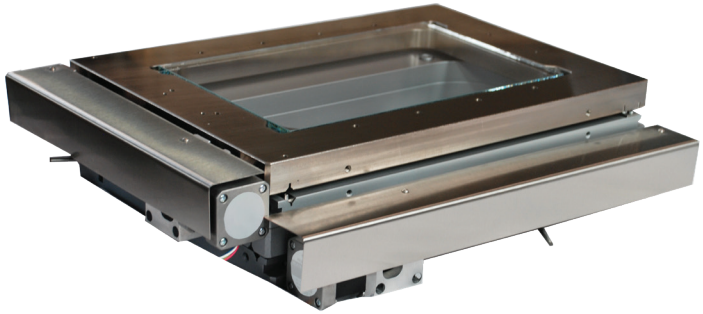
These precision coordinate stages can be used for optical comparators, vision systems, or microscopes. Each stage features high precision bearings.

FEATURES:

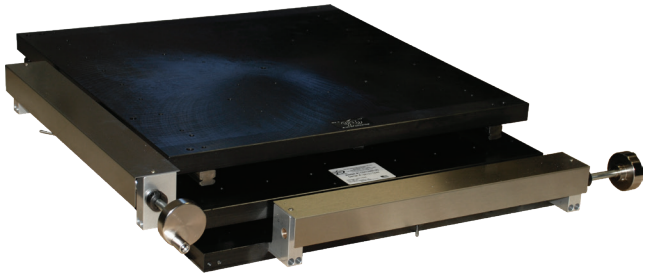
- Solid or glass plate stages available
- High precision linear bearings
- Hard nickel plated surfaces
- Fixturing holes with universal spacing
- Quick release on both axes on all manual stages
- Static axis bias on stage drives increases accuracy
- Universal mounting options fit many existing systems
- Scale resolution of 0.1 (one tenth) micron is standard
- Motorized versions available with stepper motors
- Motorized versions available with limit switches
- Accuracy formula +/- .004 +[(L/20).001]
- NIST traceable calibration certificate
- 2 Year Warranty

Manual Stage

Static Fixture Plate



Motorized



Solid Stage

CONFIGURING A STAGE PART NUMBER

- Select stage travel
- After stage travel, add MN for manual or MO for motorized (Special cables, controls, and joysticks priced separately).
- After MN or MO add -01 for scales
- Example: 8X4MN-01 = 8" X 4" manual stage with scales

TECHNICAL SPECIFICATIONS				STAGE TRAVEL	
STAGE TRAVEL (X/Y)	WEIGHT CAPACITY	FRAME SIZE	GLASS PLATE SIZE	MANUAL	MOTORIZED
Static fixture plate = SFP	75 lbs*	11" x 7.4"	7" x 4.5"	Static	Static
6" x 4"	75 lbs*	15" x 10.5"	11" x 7"	Available	Available
8" x 4"	75 lbs*	15" x 10.5"	11" x 7"	Available	Available
8" x 6"	75 lbs*	15" x 15"	10.5" x 10.5"	Available	Available
8" x 8"	75 lbs*	15" x 15"	10.5" x 10.5"	Available	Available
12" x 4"	75 lbs*	16.5" x 7.4"	13.5" x 4.5"	Available	Available
12" x 6"	75 lbs*	16.5" x 7.4"	13.5" x 4.5"	Available	Available
12" x 12"	75 lbs*	21" x 21"	14.9" x 14.9"	Available	Available
13" x 13"	75 lbs*	20" x 20"	Solid stage only	Available	Available
16" x 6"	75 lbs*	23" x 15"	18.5" x 10.5"	Available	Available
16" x 8"	75 lbs*	23" x 15"	18.5" x 10.5"	Available	Available

** only 15 lbs on center of glass*