

XY Tables for Vacuum Environments

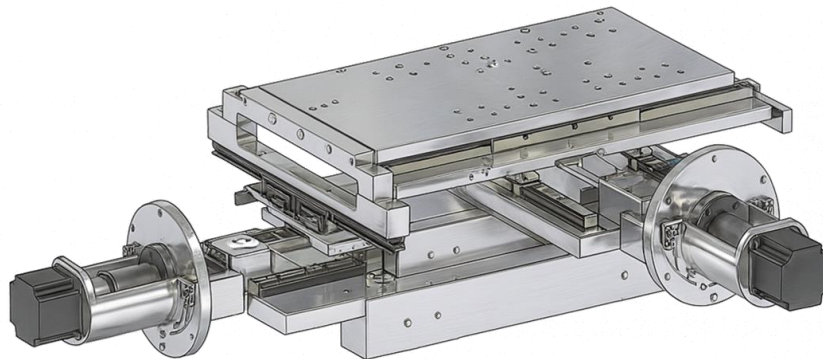


Answering the needs of semiconductor/FPD manufacturing with high cleanliness and long life in high vacuum/cleanroom environments



Features

1. Experience in providing the optimal materials, surface treatments, and lubrication for high-vacuum/cleanroom environments
*Can also be used with motors designed for normal atmosphere
2. An NSK-exclusive layout (support shaft structure) allows motors to be fixed on two axes



Tribology Technology

- ✓ Vacuum grease
- ✓ NSK DFO lubricant coating

Materials Technology

Stainless steel alloy

Aluminum alloy

Titanium alloy

+

Use in vacuum environments
precision cleaning, chemical
polishing

Manufacturing Technology

High component precision

High assembly precision

► Complex designs with high positioning accuracy

Long life

Low particle
emissions

Low outgassing

Non-magnetic materials with proven
performance

MORE THAN PRECISION

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