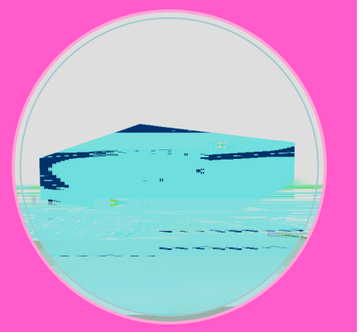


# FMSXY系列

FMSXY Linear Motor 2D Scanning Stage

FMSXY360C-200-200





- 
- 
- 
- 
- SDK
  Window Linux
  C/C++ C# Matlab LabVIEW
- 
- EtherCAT

APPLICATION FIELDS

- 2D Scan
- Machine Vision
- Defect Detection
- Industrial Equipment

## OVERVIEW

FMC04

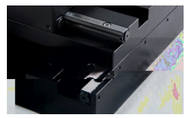
Feinixs developed the integral 2D stage is used in some special applications. Sub-micron precision, integrated design, high reliabilit , can be used in various occasions requiring 2D motion. With FMC04 controller, it has the characteristics of micro-motion, high-speed, low-speed and so on.

## FEATURES



XY





## TYPICAL ASSEMBLY

It can be flexibly combined into multi-axis motion system,Contact for more information

## SPECIFICATIONS

| Model | FMSXY240C-100-100 |
|---|---|
| Travel(mm) | |
| Load Capacity(Kg)[1] | |
| Resolution(μm) | |
| Min.Incremental Motion(μm)[2] | |
| / Undirection Repeatability[3]/Guaranteed(μm)[4] | |
| / Undirection Repeatability/Typical(μm) | |
| / Bi-Directional Repeatability/Guaranteed(μm) | |
| / Bi-Directional Repeatability/Typical( μ | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Weight(kg) | |

[1]
[2]

[3] GB/T17421-2000
[4]
[5]

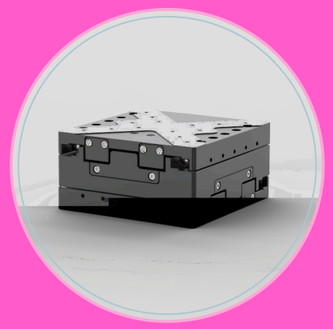

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# FMSXY系列

FMSXY Stepping Motor 2D Scanning Stage

FMSXY100-20-20 FMSXY120-25-25
FMSXY150-50-50 FMSXY200-100-100





- 20mm(XY) 25mm(XY) 50mm(XY) 100mm(XY)
- XY
- SDK
  Window Linux
  C/C++ C# Matlab LabVIEW
-
- EtherCAT

## APPLICATION FIELDS

- 2D Scan
- Testing Equipment
- Microscope Stage

## OVERVIEW

FMC01 SDK

Feinixs developed the integrated stepping 2D stage. Excellent bi-directional repeatabilit and micro-stepping capabilit . The structure is small and eas to be integrated. Can be equipped with standard FMC01 series controller, and also provide SDK to customers for secondar development.

## FEATURES







## TYPICAL ASSEMBLY



It can be flexibly combined into multi-axis motion system.Contact for more information

## SPECIFICATIONS

| Model | FMSXY100-20-20 | FMSXY120-25-25 | FMSXY150-50-50 | FMSXY200-100-100 |
|---|---|---|---|---|
| Travel(mm) | 20(XY) | 25(XY) | 50(XY) | 100(XY) |
| Load Capacity(Kg)[1] | 2 | 2 | 5 | 5 |
| Resolution(μm) | 0.625 | 0.625 | 0.625 | 0.625 |
| Min.Incremental Motion(μm)[2] | 1 | 1 | 1 | 1 |
| / Undirection Repeatability[3]/Guaranteed(μm)[4] | ±2 or 4 | ±2 or 4 | ±2 or 4 | ±2 or 4 |
| / Undirection Repeatability/Typical(μm) | ±1 or 2 | ±1 or 2 | ±1 or 2 | ±1 or 2 |
| / Bi-Directional Repeatability/Guaranteed(μm) | ±4 or 8 | ±4 or 8 | ±4 or 8 | ±4 or 8 |
| / Bi-Directional Repeatability/Typical(μm) | ±2 or 4 | ±2 or 4 | ±2 or 4 | ±2 or 4 |
| / Accuracy[3]/Guaranteed(μm) | ±20 or 40 | ±20 or 40 | ±20 or 40 | ±20 or 40 |
| / Accuracy/Typical(μm) | ±10 or 20 | ±10 or 20 | ±10 or 20 | ±10 or 20 |
| Max.Speed(mm/s)[5] | 5 | 5 | 5 | 5 |
| Straightness(μm) | 20 | 20 | 20 | 20 |
| Flatness(μm) | 20 | 20 | 20 | 20 |
| Yaw(arcsec) | 30 | 30 | 35 | 35 |
| Pitch(arcsec) | 30 | 30 | 35 | 35 |
| Weight(kg) | 1.2 | 2.3 | 3.2 | 7 |

[1] 60kg
[2]
[3] GB/T17421-2000
[4]
[5] 50mm/s, 50mm/s


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