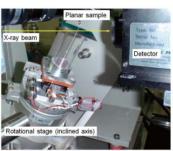




Pioneering the door to the future with commitment to technology

High Precision Rotation Stage <SPU-1>

This stage is used for X-ray laminography. Which is inclined X-ray CT. The eccentricity keeps to be less than 1µm even in the inclined geometry.



Connector Connector Limit Doc Limit Switch 5-phase Stepping Motor

Specifications

Model	SPU-1
Table Size	Ф98 mm
Center Bore Size	Ф25 mm
Weight	3.0 kg
Maximum Load Capacity	3 kg
Guidance Mechanism	Ball Bearing Guide
Resolution (Full Step)	0.004 degree / step
Stroke	360°
Accuracy (Lead Error)	0.01°
Repeatability	0.01°
Backlash	0.005°
Eccentricity	< 1um

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Features

- ◆ Less than 1um Eccentricity even in the inclined geometry
- ◆ The load capacity is 3 kg.
- ◆Cheaper & more robust than a air-bearing system, but the quality is still guaranteed.
- ♦ The enough center bore is useful for cables o f centering stages.

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