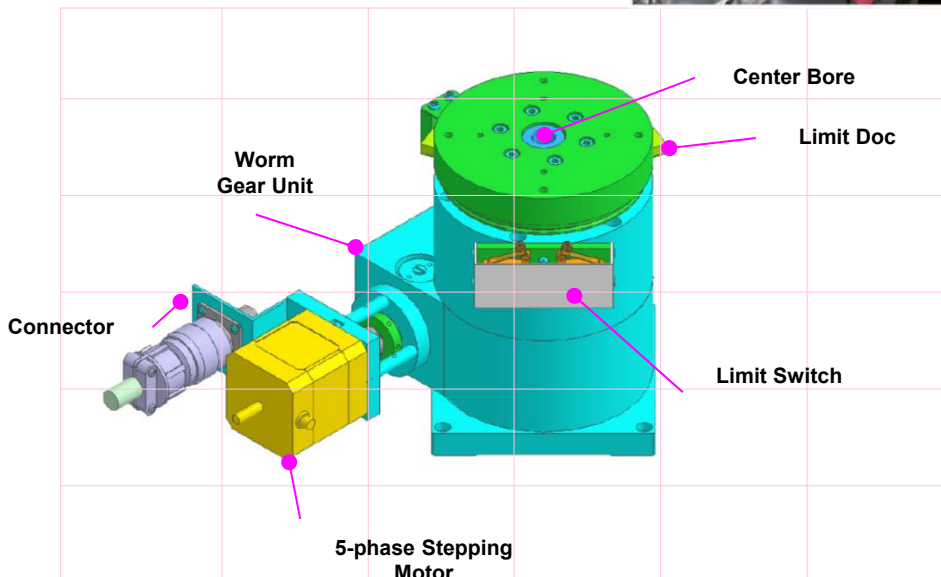
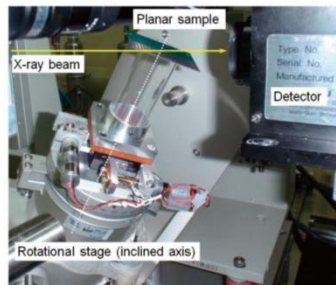




High Precision Rotation Stage <SPU-1>

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



Specifications

Model	SPU-1
Table Size	Φ 98 mm
Center Bore Size	Φ 25 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	< 1 μ m

Features

◆ Less than 1 μ m
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.