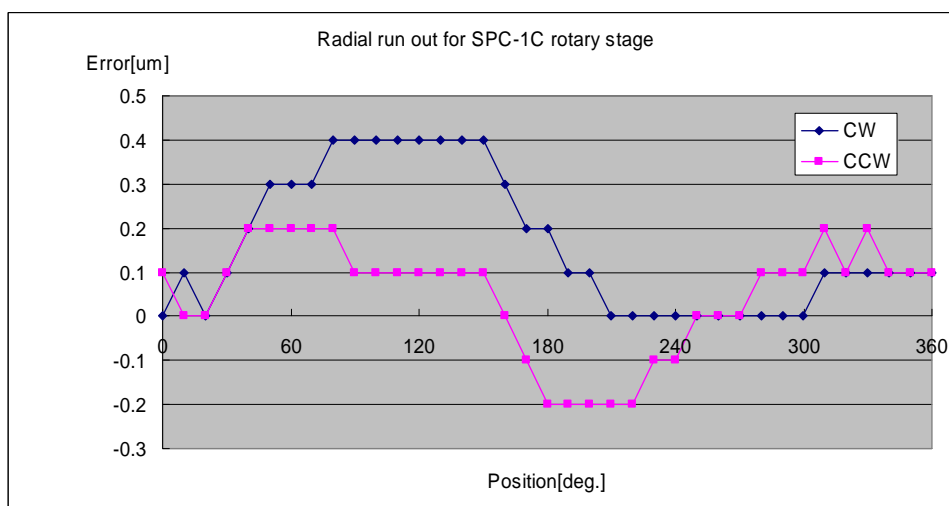




# High Precision Rotation Stage <SPU-1C>

This device is primarily used for X-ray CT.

Therefore, we have the following rotation accuracy  $1 \mu\text{m}$ .



## Features

- ◆ The special customization achieves less than  $1 \mu\text{m}$  eccentricity.
- ◆ This device must be placed at the horizontal position (the rotational axis should be vertical) because of the sliding guide system.



- ◆ Cheaper than a air-bearing system, but the quality is guaranteed.

- ◆ The gear release knob allows free rotation

- ◆ The big enough center bore is useful for wiring through it.

## Specifications

Model	SPU-1C
Table Size	$\Phi 68 \text{ mm}$
Center Bore Size	$\Phi 11 \text{ mm}$
Weight	2.1 kg
Maximum Load Capacity	1 kg
Guidance Mechanism	Slide Guide
Resolution (Full step)	0.004 degree / step
Stroke	$360^\circ$
Accuracy (Lead Error)	$0.01^\circ$
Repeatability	$0.01^\circ$
Backlash	$0.005^\circ$
Eccentricity	$< 1 \mu\text{m}$

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