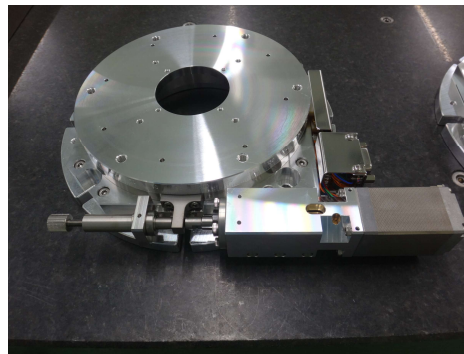
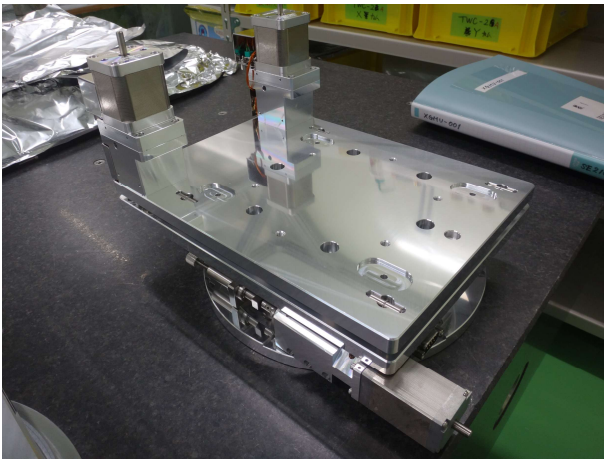




3-axis rotational adjustment unit <XGMU-001>

This rotational adjustment unit was designed for 3-axis rotational adjustment of large optical assembly within restricted space, especially height restriction. It can carry 30kg load using vacuum stepping motors.



Features

- ◆ **3-axis rotation :**
Rx $\pm 2.5^\circ$
Ry $\pm 1.0^\circ$
Rz $\pm 3.0^\circ$
- ◆ **Total height:**
70 mm
- ◆ **Load capacity: 30 kg**
- ◆ **Vacuum stepper motor**

Specifications

| | |
|---------------|---|
| Model | XGMU-001 |
| Travel range | $\pm 2.5^\circ$ (Rx), $\pm 1.0^\circ$ (Ry), $\pm 3.0^\circ$ (Rz) |
| Resolution | 12.9 $\mu\text{rad/step}$ (Rx), 4.6 $\mu\text{rad/step}$ (Ry), 11.0 $\mu\text{rad/step}$ (Rz) |
| Motor | 5-phase vacuum stepper motor |
| Vacuum level | 10^{-4}Pa |
| Load capacity | 30 kg |
| Self weight | 8 kg |
| Dimension | 204x 275 x 70 (W x L x H : mm) (except the height of motor units 115 mm) |