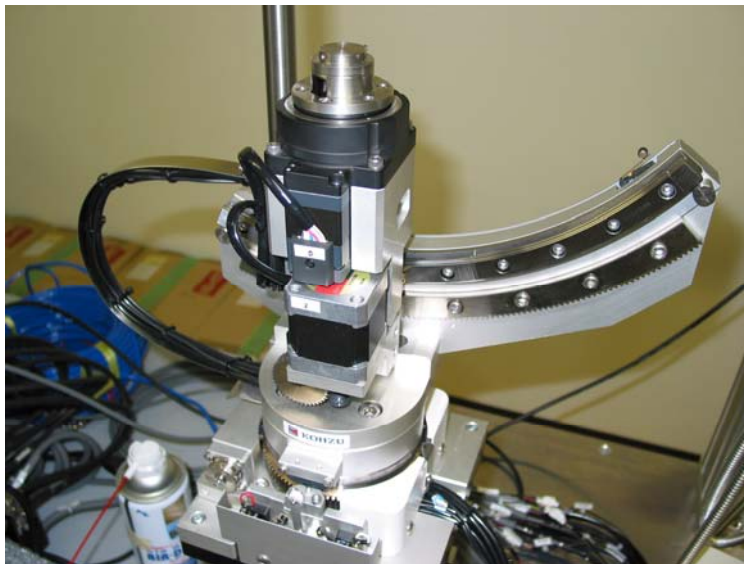




Eulerian cradle <ECQ-2>

This Eulerian cradle was designed for single crystal structure analysis by using neutron beam. Blind angle is so small that it is possible to set the detector position freely.

The load capacity is 1kg.



Features

◆ Eulerian cradle with small blind angle

◆ Actuator: 5 phase Stepper motor

◆ Load capacity: 0.5kg

◆ Long travel χ : 60 degree

◆ Sphere of confusion: 60 μ m

Specifications

Model	ECQ-2
Actuator	5-phase stepper motor
Stroke	X: 60 deg φ : 360 deg ω : 370 deg
Resolution	X: 0.00013 deg/step φ : 0.002 deg/step ω : 0.0036 deg/step
Sample mount	Goniometer head
Work distance	35mm
Load capacity	0.5 kg
Sphere of confusion	60 μ m
Self weight	7kg