



High Precision Rotation Unit for High Speed CT experiments <CRA10A-D02-S>

This unit is developed for high speed CT experiments . The maximum rotation speed 5 rps with less than 1 um eccentricity is available.



Features

- ◆ Useful device for High Speed CT
- ◆ Max rotation speed 5 rps
- ◆ Eccentricity < 1 um
- ◆ 4kg Load Capacity
- ◆ Table Size 40mm x 40mm
- ◆ Electrical slip ring installed
- ◆ Rotary encoder installed
- ◆ Self weight: 7kg
- ◆ DD Motor driver & controller are included
- ◆ The controller has trigger functions for synchronous operation

Specifications

Model	CRA10A-D02-S
Drive	Direct Drive motor
Travel range	360 degree, no limits
Rotation speed	< 5 rps
Eccentricity	< 1 um
Encoder Resolution	4 arcsec
Load Capacity	4 kg
XY stage specification	Travel range : ±5mm, Resolution : 1 um
Self weight	7 kg
Dimension	156 x 154 x 182 (W x L x H : mm)