



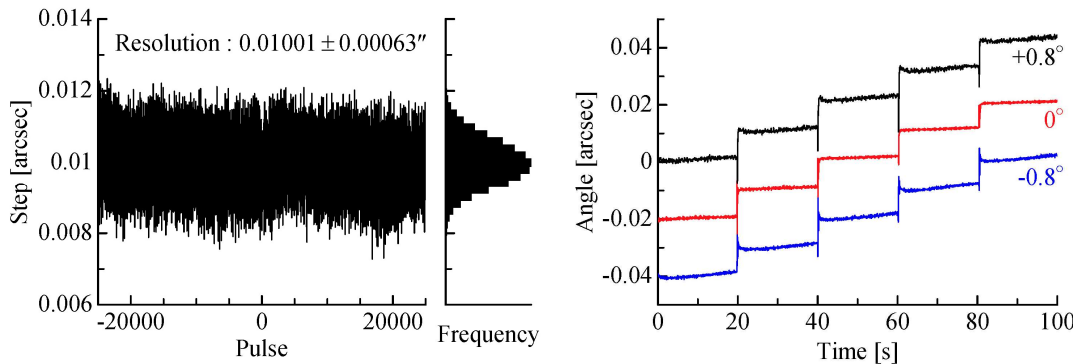
Compact High-Resolution Goniometer <PSC-3>

A goniometer with a high resolution of 50 nrad (0.01 arcsec) is downsized to be 1.6 kg in weight and W115 x L180 x H46 mm in dimension.



Features

- ◆ Resolution: 50nrad (0.01 arcsec) (fullstep)
- ◆ Self weight: 1.6kg
- ◆ Dimension: W115xL180xH46 mm
- ◆ Table Size: $\phi 68$ mm
- ◆ 5 kg Load Capacity (horizontal setting)
- ◆ Vertical setting available
- ◆ Useful device for X-ray crystal optics



The prototype was designed and evaluated by Dr. H. Yamazaki (JASRI, SPring-8).

Specifications

Model	PSC-3
Drive	5-phase stepping motor
Travel range	Fine : ± 1 degree , motorized Coarse: 360 degree, no limits, manual
Table size	$\Phi 68$ mm
Resolution	50nrad (0.01 arcsec)/step (fullstep)
Load Capacity	5 kg (horizontal setting) 1 kg (vertical setting)
Self weight	1.6 kg
Dimension	115x 180 x 46 (W x L x H : mm)