

Mounting a DAC at BL35

We have mounted DAC for IXS at BL35 on the usual Huber 512.1 Eulerian cradle.

On top of the phi stage we use a set of 3 stages allowing translation in the three orthogonal directions to place the sample in the middle of the diffractometer.

z-motion using a Kohzu ZA07A-W2C-1A: ± 2 mm full range

x,y motion using a YA050A-R1: ± 7 mm motion

The stages are mounted on the phi circle and take a nominal height of 80 mm. The center of the circles is 129 mm above the mounting surface.

The cell holder should place the sample $129 - 80 = 49$ mm above the last stage.

Note, it is a bit easier to align if one can see the gasket from the side.

