

8-ID-E GIXS-diffractometer for Cycle 2010-3

Diffractometer operating without wedge for the upper segment (theta) has working distance:

500 mm from top plate to center of rotation

The components currently in place and their heights are (from bottom to top):

Number	Description	Component	Height (mm)
1	Adapter plate: tilt stage to spacers (1.25" thick)		31.75
2	Spacers : 3 x 1"		76.2
3	Adapter: spacers to samx/samy (0.5" thick)		12.5
4	Huber 2-axis translation (samx/samy)	5102.20	62
5	Huber elevation stage (samz)	5103.A20-40	90-130
6	Adapter: samz to phi		6.25
7	Huber rotation stage (phi)	410A	70
8	Cu block with tubing for circulating chiller		25.4
9	Vacuum sample chamber (bottom to sample height)		110
	TOTAL:		484.1 - 524.1

