

Sample positioning

Location	22500 mm from target centre
Size	4 m x 2 m floor area
Accessibility	From above and right side of the instrument
Frequency of access	Multiple times per day
Sample environment equipment	Positioning table 6 axis (x,y,z,rotation,theta,phi)+ z Fine
Sample Stage dynamic load	700 kg
Sample Stage static load	2000 kg
Accuracy	Less than x,y,z <0.01 mm in translation axis Angular < 0.01°
Ancillary equipment mounting	Rails on sample positioning to mount equipment
Crane Lifting equipment	Local crane outside cave with 5T capacity Loading dock lift