



Small Angle X-ray Scattering <HSM-22>

This device allows to measure the so called Small-Angle X-ray Scattering (SAXS) with high accuracy and resolution for angle.

This is installed at BL08B2 in one of the largest synchrotron radiation facility SPring-8.



<HSM-22 at SP-8 >

Features

◆ Some 100 nm analysis is possible by :

500 - 6000 mm camera focus length.

GI reflection and positioning measurement.

◆ Some nano scaled analysis is possible by the U-SAXS with the max. 17,000 m camera focus length.

◆ Incident X-ray shaping system :

Vacuum compatible slits (GHM-3SV8)

Collimator, Ion-chamber, & Photo-diode

◆ Sample Stage :

Theta (+/- 180 degree) + 5 axis sample alignment stages.

2theta (-45 / +110 degree) + Motorized slits, solar slit, analyzer crystal, scintillation detector

The coincident for both axis is within 30 um.

◆ Lifting support with rails for SAXS

Lifter (1430 – 1700 mm)

Vacuum Pass + support (500 – 6,000 mm)

Imaging Plate with adjustment support

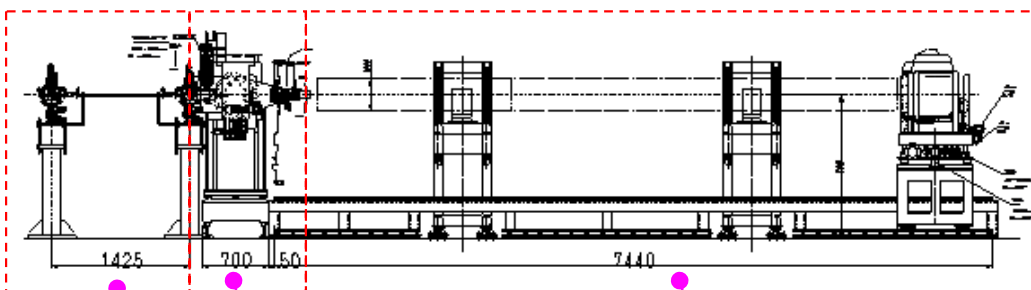
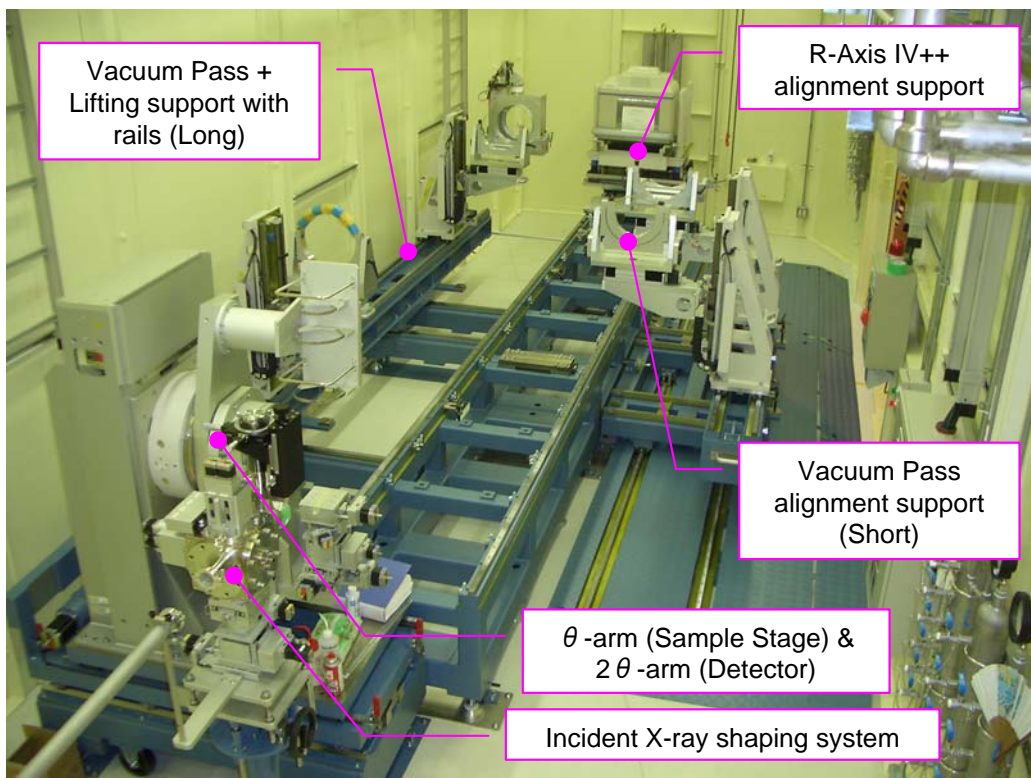
Kohzu Precision Co.,Ltd.

Tel: +81-44-981-2131

Fax: +81-44-981-2181

Email:sale@kohzu.co.jp

URL://www.kohzuprecision.com



θ -arm (Sample Stage) & 2θ -arm (Detector)

Vacuum Pass + Lifting support with rails (Long)

Incident X-ray shaping system