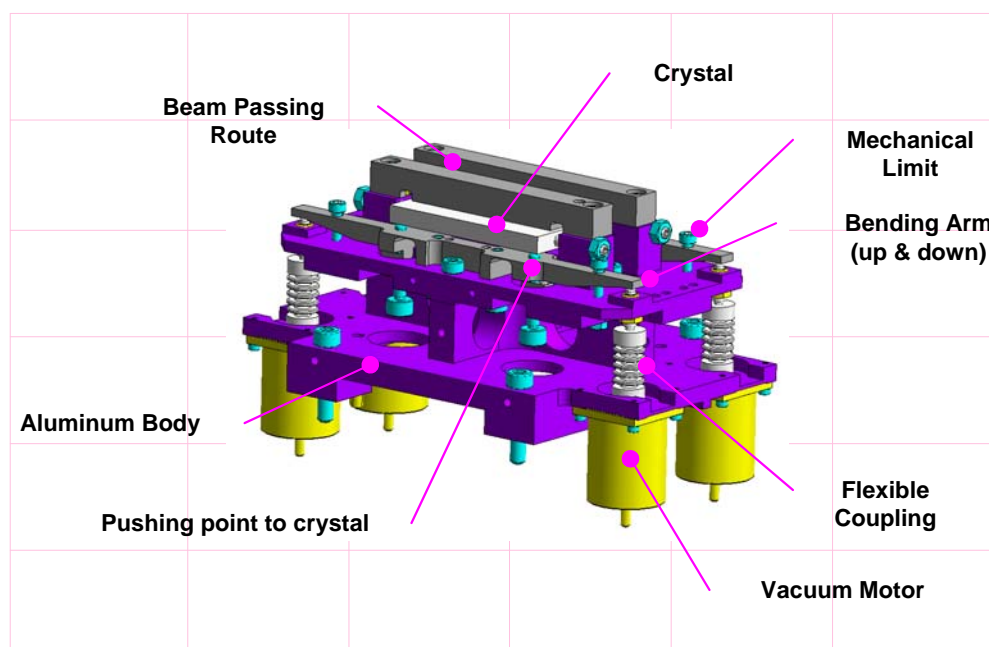
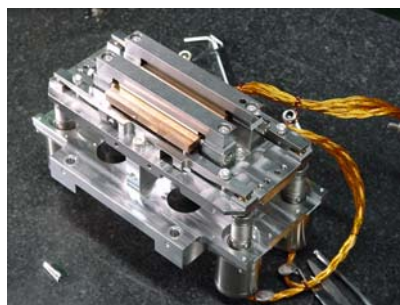




## Crystal Bender <SMS-2B>

This instrument is sagittal focusing bender for Swiss Light Source (SLS) insertion device beamlines.



### Features

◆ **Crystal Size :**  
60 mm (W)  
50 mm (L)

**Central Thin Part**  
10-12 mm (W)  
0.4 mm (t)

◆ It is allowed by the flexible coupling for changing from motor's rotary movement to linear movement.

◆ The bending arm are easily bended by the fine pitch ground screws.

◆ The shape of the bending arm is calculated and designed precisely .

◆ The special geometry is patented by SLS

◆ Kohzu & SLS had a license agreement to produce this bender.

◆ Mechanical limit is adopted for reducing wiring.

◆ Aluminum light body.

### Specifications

|                         |                                       |
|-------------------------|---------------------------------------|
| Model                   | SMS-2B                                |
| Stroke                  | ± 1.2 mm                              |
| Actuator                | Vacuum Compatible 2 Phase Motor (x 4) |
| Screw                   | Ground Screws                         |
| Resolution (Full-step)  | 1.25 μm                               |
| Dimension               | 160 x 100 x 90 (L x W x H : mm)       |
| Self Weight             | 2.5 kg                                |
| Crystal (not available) | Si (111) (x 1)                        |
| Cooling                 | None                                  |

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