

Rotary sensor Sensor head position adjustment manual

JEOL Ltd.

If the sensor head is not set to the correct position, adjust it according to the following procedures.

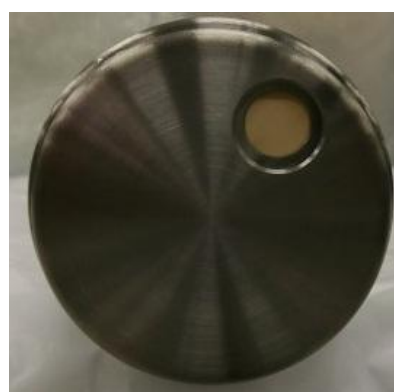
**positioning error****normal**

Figure.1 Example of a positioning error

<Tools for the adjustment>

①Hexagonal wrench (Short head type) for M4 hex bolts

1. Disconnect two air tubes on the air cylinder. Before disconnection, make sure that an air valve is closed.

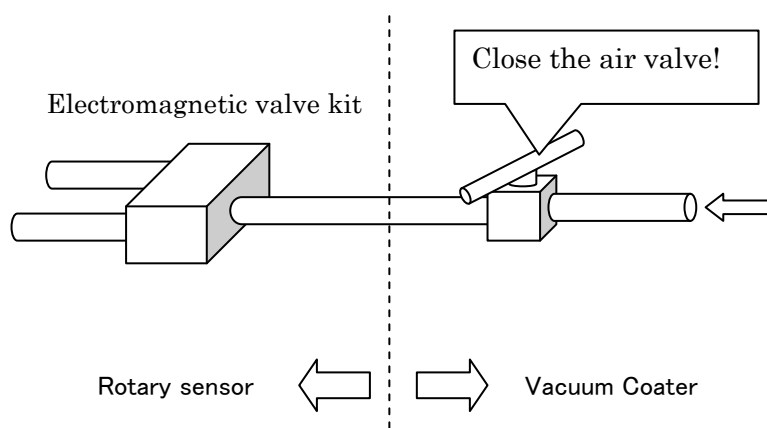


Figure.2

⚠ Caution

- Before the position adjustment, be sure to disconnect two air tubes on the air cylinder.
There is a risk of injury if the air cylinder accidentally rotates.

2. Loosen the four hexagonal bolts of the air cylinder.



Loosen just one rotation. Do not remove hexagonal bolts.

Figure.3

3. Adjust the cylinder and the shaft position to set the sensor head to proper position and then tighten the four hexagonal bolts.
4. Connect the air tubes and operate a crystal rotation procedures several times. Make sure that the sensor head is set to the correct position.

⚠ Caution

- Do not loosen the hex bolts at a joint section.



If the joint section is loose and the shaft slides, the distance between the sensor head and the cover decreases. It causes a rotation failure.