

Maintenance

1. Quantitative valve, it should be monthly cleaned to prevent gas leakage.2. Run S3200 application program to enter main interface. It will start to heat furnace. Click **Setting** and check if parameters are correct.
2. Ballast tank, it should be monthly cleaned, either because of gas leakage or because of dust.
3. Cleaning of the sample rotor tray, which is above the load head, it needs to be cleaned every week.
4. Installation of the reducing heating pipe, it is in the catalytic furnace, and it needs to be replaced once it breaks. (Note: Switch off the analyzer before taking out the reducing heating pipe, and wait for the catalytic furnace to cool.)
5. Installation of the combustion tube, the combustion tube is in the main combustion furnace, and it needs to be replaced once it breaks or the furnace reagent is blocked. Note: Switch off the analyzer before taking out the combustion tube, and wait for the furnace to cool.
6. Ceramic particle filter of heat treatment. it is on the sealing block of the auxiliary combustion furnace. Replace it when reinstalling the combustion tube.
7. Replacement of the crucible. The crucible is inside the combustion tube. You need to disassemble the load head and take out the crucible with a pair of crucible tongs. Note: The furnace may be scalding.
8. Cleaning of the load head. The load head is at the top of the furnace shelf. Check the load head everyday and remove the dust on it.

9. Helium purification furnace. It is on the front panel of the analyzer behind the door. Replace the reagent each time the helium purification furnace is used for 90 days; replace the helium purification furnace when dehydrate agglomerates or alkaline asbestos changes color.
10. Replacement of the furnace reagent. The furnace reagent is inside the combustion tube. Replace the furnace reagent according to the numerical value of the counter (about 1,000 analyses).
11. **O-shaped ring** it is located in different devices, reagent tubes, and load heads. Replace the O-shaped ring when the reagent and reagent tube are replaced, devices are cleaned or the O-shaped ring is damaged.
12. Secondary filter It is at the end of the reagent tube. Clean the secondary filter with ultrasonic wave when the reagent in the reagent tube is replaced.