

Use required reading

Please read the manual first to be confident before operating. If sodium hydroxide solution is added (causing discoloration of the copper tube), refunds and returns will not be accepted

Due to the fact that the product is charged, has a certain pressure, contains NaOH in the liquid, and is a flammable gas product, it is necessary to pay attention to safety and operate according to the following procedures, otherwise all consequences will be borne by oneself. The red letter part must be clearly read

The product is a finished product, but due to the fragility of acrylic, it can be disassembled and shipped. After receiving it, it can be simply assembled. The steps are as follows

1. First, add about one teaspoon of sodium hydroxide into pure water to dissolve it (3 grams of sodium hydroxide with 600 milliliters of water). The weight of 3 grams is shown in Figure 1, which can be less, but not too much (the amount of sodium hydroxide is very important)
2. Place the electrolytic groove facing upwards, unscrew the elbow, add the solution through the copper tube of the electrolytic groove, and stand the electrolytic groove up. If the liquid is not enough, continue to add it. The highest liquid level should not exceed 2/3 of the circle. After adding water, be sure to tighten it, but it cannot be screwed tightly, as it may cause deformation of the sealing ring
3. Firstly, fix the gas washing container (which is cylindrical in shape with 4 aluminum columns around it) and thread the 4 screws through the base, with the threads facing upwards.
4. Place the power supply and reaction container on the base without fixing them
5. Use a thick hose to connect the interface between the electrolytic cell and the washing cylinder

6. Open the upper part of the gas washing container, add sodium hydroxide solution, and the liquid level is not less than $\frac{2}{3}$ of the pipe height
7. Connect the air outlet of the removed gas washing container to a thin hose, and connect the other end of the hose to a welding gun (the welding gun needs to first unscrew the black handle and air nozzle nut, insert the hose, and then tighten the air nozzle nut). Blow air through the nozzle to see if the welding gun can release air. If not, adjust the knob to ensure smooth air release, and adjust the knob to the maximum
8. After there is no water leakage or other abnormalities, you can plug in the power cord to vent the air
9. It must wait for 30 seconds before igniting. It is necessary to wait for the internal air to be emptied (if not, do not turn the knob down, unscrew the nozzle, use a needle to poke the hole, enlarge the hole a bit, and ignite it when the airflow speed is low)
10. The shutdown operation is to first turn off the knob, turn it on immediately after the fire goes out, or turn off the power immediately after the knob goes out (otherwise it will cause excessive internal pressure)

Precautions:

1. The residual water inside the product is left during testing and is not second-hand. Please do not misunderstand it
2. If the white mark is left by sodium hydroxide after receiving, just wipe it slightly
3. Although sodium hydroxide is a strong alkali, there is no problem in contact with the skin for a short time. Just wash it in time
4. After closing the valve, it must be operated according to the requirements, otherwise accidents may occur. This issue is not covered by our store's warranty
5. If the power supply only works for a few seconds after power on or the gas volume is too

large, it means that too much sodium hydroxide is added, and water needs to be changed and solution needs to be added again

6 gases are flammable and must be operated according to requirements, and the product structure must not be changed!



The above images are steps 1 and 7, respectively