



OKAY ENERGY Changsha City Okay Energy Equipment Co.,Ltd
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Acrylic Polishing Machine-User Manual

Description

Synthetic glass (acrylic) polishing, Oxy-hydrogen generator is a machine using high temperature flame to make acrylic edge smooth and bright. The heat polishing on the acrylic rough surface can be achieved as long as the flame passing by gently, and the acrylic products will become glittery and bright. and its maximum output gas is up to 95 L per hour.

Application

Synthetic Glass Industry.

The synthetic glass (acrylic) polisher works with high temperatures flames that wrought the organic handicraft article.

School laboratory.

Provides a convenient and safe oxy-hydrogen flame.

Feature and advantage

- 1, Production by demand without inventory, Environmental friendly, safe and reliable
- 2, Simple raw materials: only water and electricity required, immediate production and use once switched on; economical and practical; high removability; small size; high portability and suitable for outdoor operation,
- 3, Its electrolyze adopts series and parallel compound technique, which makes the electrolysis more efficient.
- 4, This polisher is suitable for precise process with concentrated flame,
- 5, Only water and ,no pollution on environment.
- 6, High cost performance and low investment.

Notice: Electrolyte power (NaOH or KOH) is forbidden by express company, so we could not put it into the package. You can buy it from local chemicals paint.

You should buy some powder, one bottle is 500g, and it can be used about 3 - 4 months



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Items include

Machine -1pcs

Flame gun ,Flame nozzle -1box

Plastic funnel -1pcs

Rubber tube -1pcs

Working principle

The polisher combusts the hydrogen gas and oxygen gas produced through water electrolysis as the fuel, and polishes the rough edges of the acrylic products with the high temperature generated by the flame, the polished edges with the high temperature will be smooth and bright.

How to use the acrylic polishing machine

1,put 1KG distilled water into a clean container,then put 0.2KGS electrolytic powder(NaOH or KOH)slowly. The power can be dissolved by water and this will produce heat, cooling the solution about 20mins for usage.

2, unscrew the nut on top of the machine, put the solution slowly into the tank until it get to the normal line, and then screw the nut.

3,unscrew the filter bottle cover, put the alcohol into filter bottle up to one-third place and screw the cover,

4,switch on the power, the indicator light turns bright, the fan begin running, gas can be felt out of the outlet (within 1 minute), the pressure gage indicates(0.01-0.05mpa), If you seal it with a finger, the gas pressure will go up until over 0.1mpa and the ammeter indicates zero, move out the finger, the gas pressure will go down and the ammeter indicates well, all these mean that the machine is normal for working.

5, connect the flame gun and tube, connect the air outlet,turn on the flame gun, and choose the suitable nozzle, fire it, please keep a good distance when you are working.

Add water timely

After several hours of operation, the water level may fall below the "middle" line, you should add some water. Distilled water is the best choice, next are purified water, cold boiled water and mineral water.

How to add water



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1. Turn off the torch.
2. Switch off the power and open the valve on the torch to let out the remaining gas.
3. Screw off the top cover.
4. Add water close to the "high" line.
5. Screw on the cover and switch on the machine, and it can work again.

Attention:

KOH or NaOH is dangerous, please do not eat them.

The temperature is up to 2800 temperature when burning, please put the flame Polishing Machine in the safe place.

Do not operate the flame acrylic polishing machine while your hand is wet; be careful of the electric shock.

Warning

When abnormal things happened, such as abnormal noise, smell, smog, quite high temperature, electric leakage, you should cut off power supply immediately.

Do not repair it by yourself, you should contact us.

The above cover; please do not load metal pieces.

Please connect the ground wire.

Forbid ignite while no air pressure