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Portable Oxygen Hydrogen Water Welder Flame Polisher Polishing Machine 65L

Item Code: APM-H160

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 21.3lb (9.68kg)

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Overview

Acrylic Polishing Machine

— H160 —
Brightens Life Everywhere

Special for acrylic edge polishing

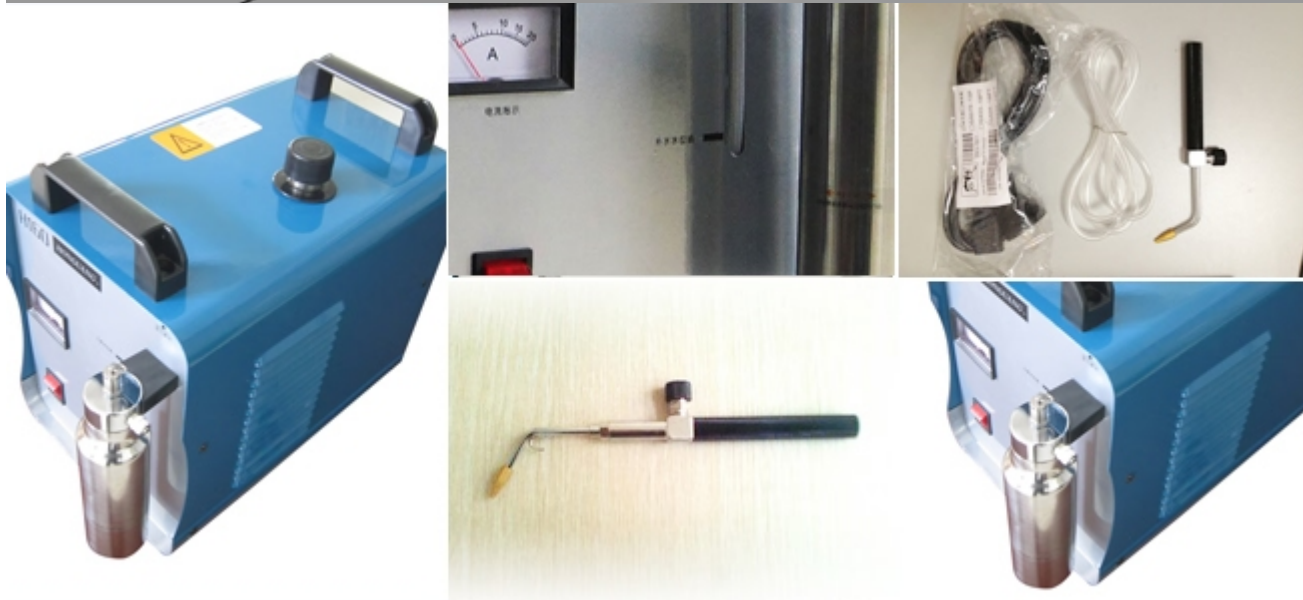
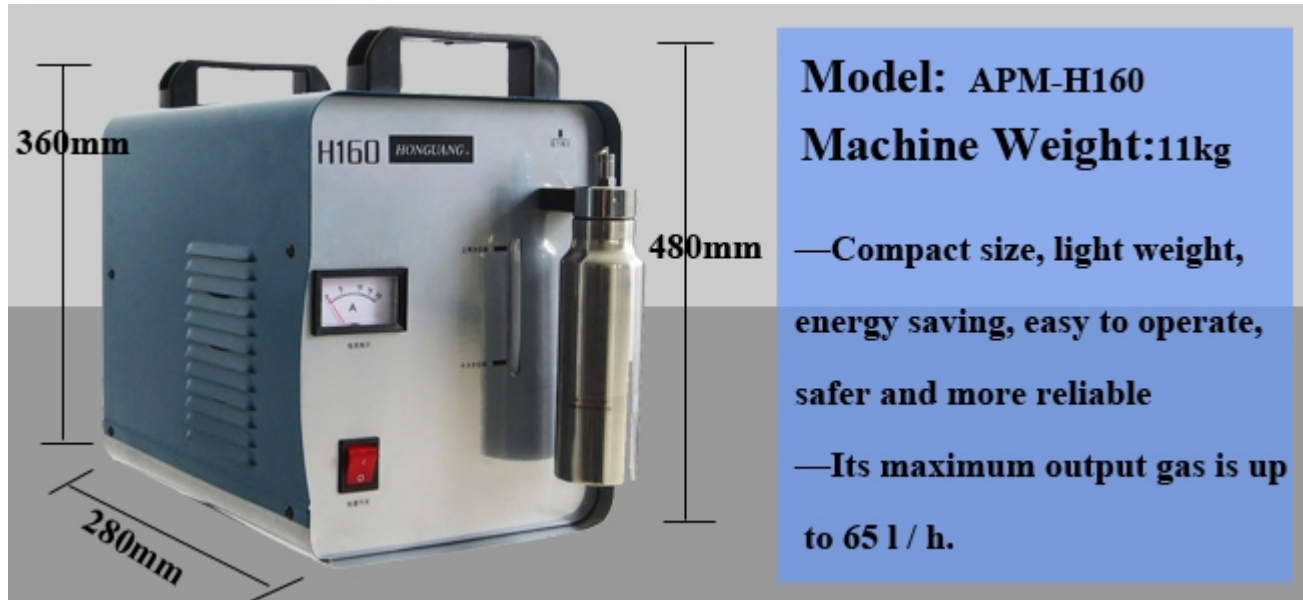
Description:

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. Improved model from APM-H60, the New Model No. is APM-H160, and its maximum output gas is up to 65 l / h.

Features:

- H160 is economical type Acrylic flame polishing machine.
- Light weight, Energy saving
- Environmental friendly, Safe and reliable
- Its electrolyze adopts series and parallel compound technique, which makes the electrolysis more efficient.
- APM-H160 is environmental friendly, safe and reliable with low energy consumption.

Details

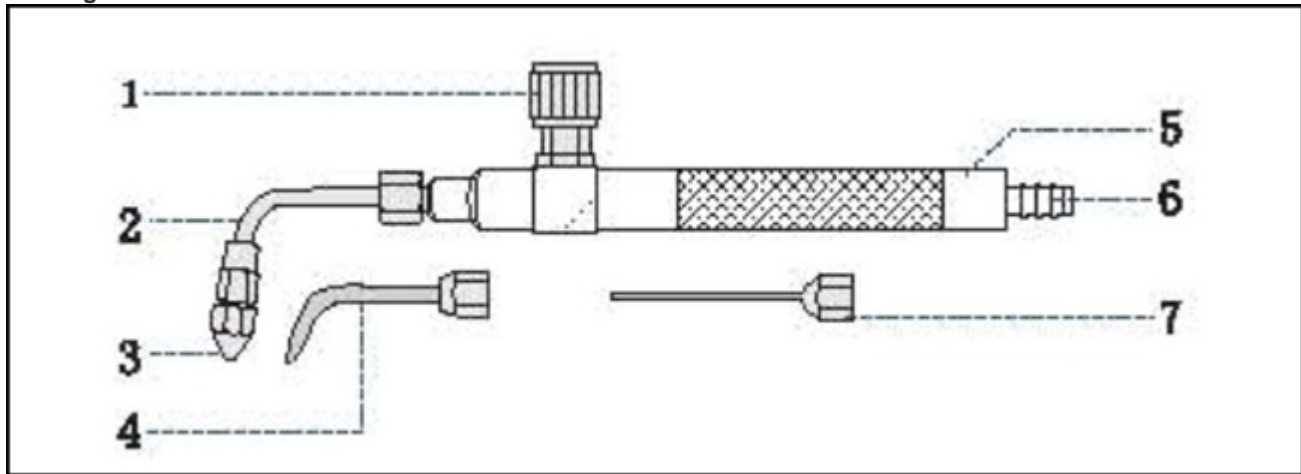


Instruction

The flame acrylic polishing machine's instruction:



Flame gun instruction:



1. Adjusting valve; 2. Connector; 3. Flame nozzle; 4. Bend flame nozzle (option); 5. Flame gun bar; 6. Air inlet port; 7. Pin type flame nozzle (option).

Don' t compare advantages with others but compare quality with ourselves.

What are the advantages of the polisher?



The advantages of the APM-H series acrylic-polisher:

1. Production by demand without inventory; Safe and easy.
2. Simple raw materials; only water & electricity required; immediate production & use once switched on; economical and practical; high removability; small sized; high portability; and suitable for outdoor operation.
3. This polisher is suitable for precise process with concentrated flame.
4. Oxyhydrogen gas is tasteless and non-toxic; combusted residue is water only, and no pollution to environment.
5. The oxyhydrogen flame is carbon-free and the welding of the workpiece is tight.
6. High cost performance and low investment.

2 The Operating Principles ?

The polisher combusts the hydrogen gas and oxygengas 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 glittery and bright.

How to use this polishing machine?



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

Secondly Unscrew the nut on top of the machine, put the solution slowly into the tank until it gets to the normal water line, and then screw the nut.



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

Fourthly Switch on the power, the indicator light turns bright, the fan begins running; gas can be felt out of the outlet (within 1 minute), the pressure gauge 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.



Fifth 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?

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 !



Attention:

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

The temperature is up to 2800° 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

Application

- Synthetic Glass Industry.

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

- Electronic Industry. IC encapsulation.

- Semiconductor.

• Nonferrous welding, braze welding. In the application of welding the nonferrous metals, oxygen is not necessary instead it uses the oxy-hydrogen generator; it can saved more than 30% cost compared with the other method s that uses the same material and workload.

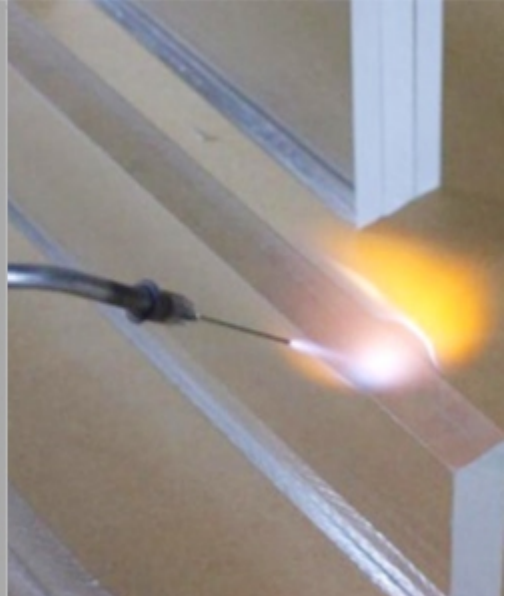
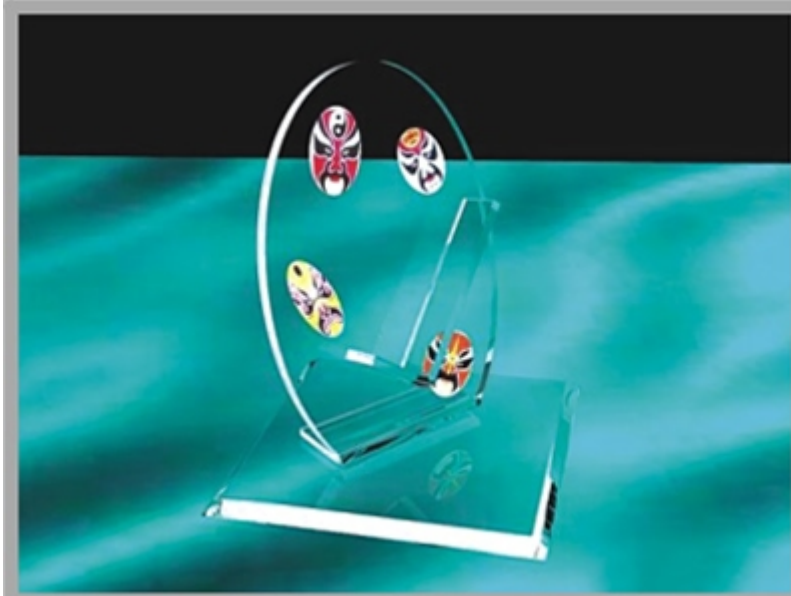
1. It can weld all kinds of chains and strings of platinum, gold, silver, copper, ect. **2.** Lead and tin pole fusion accumulator. **3.** Engineering precision.

- School laboratory.?

Provides a convenient and safe oxy-hydrogen flame.

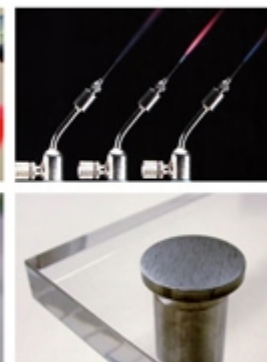
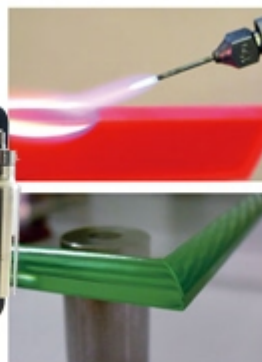








Quality report:



Specifications

Model	APM-H160
Input Voltage	AC110 - 220V
Rated Output Gas	75L / H
Operation Gas Pressure	0.08-0.13Mpa
Ambient Temperature	-10°C ? 40°C
Flame Temperature	2800°C
Water Consumption (L / H)	0.015 L / H
Flame Gun No.	Single
Electrolyzer Capacity	1.6L

Machine Dimension	480mm x 280mm x 360mm
Machine Weight	11kg



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