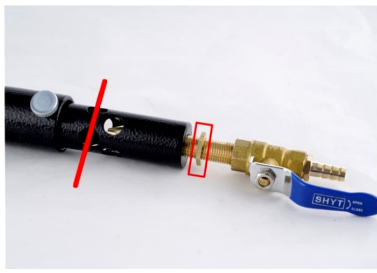


Propane Melting Furnace User Manual

This propane melting furnace is an excellent choice for your home use. It is safe, efficient and economical. Propane melting furnaces are used in DIY, jewelry processing plants, jewelry stores, gold panning and other industries. It is the inevitable product of metalsmiths, jewelers and refiners. It is used to melt metals with melting points lower than 1350°C, such as copper, gold, silver, aluminum, zinc, and tin.



1. First, install the gas outlet nozzle to the burner.
Note: Screw the nozzle to the red line. Then tighten the screws above.



2. Connect the red trachea to the brass, tighten the screws.



3. Open the air inlet that increases air circulation. (Make the flame stronger)



4. Link and screw the burner into the furnace.



5. Install the air outlet screw.



6. Connect the red trachea to the brass, tighten the screws.



7. Connect the valve to the propane container.



8. Put the crucible in the furnace, light the paper, put the paper in the crucible, open the propane tank.



Important:
The product needs to be used in a well-ventilated condition. Read these instructions carefully before assembling the hose and regulator units. Leaking gas can be extremely dangerous.



Note:
It is not necessary to force these fittings to the extreme, however, it is important to use the proper wrench size when tightening the parts. Once the unit is assembled, turn the gas pressure on from the tank to the ball valve and use soapy water to check for leaks on all joints.

IMPORTANT NOTICE

1. Check for air lacks.
2. Check if the gas valve air valve is open enough.
3. Check if the gas cylinder is enough.

GAS MELTING FURNACE

1. Product Structure:



Precautions for use

1. Please ensure the site you use that it is open, ventilated, and free of flammable materials.
2. Before using this product, please bring high temperature gloves, fire protection masks and other labor protection supplies.
3. Keep a clear escape route in an emergency.
4. Keep the fire extinguisher at hand.
5. The process of the whole smelting needs to be started by someone.
6. Prohibit overload smelting to prevent liquid metal from flowing out.
7. Be careful when adding raw materials during the smelting process.

Package Contents	
Item	Quantity
Furnace	1
Detachable Burner	1
High Temperature Gloves	1
Tong	1
Gas Hose Pipe	1
Valve	1
Brick	1
User Manual	1
Graphite Ingot Mold	1
Graphite Crucible	1

8. The air pipe needs to be connected to the pressure valve and pressure gauge.
9. It is forbidden to melt metals with melting points such as iron and manganese above 1350°C, otherwise the furnace wall will melt.
10. If used for a long time, the material of the inner wall of the furnace can be replaced.
11. During the melting process, don't look directly at the degree of melting to prevent heat waves from damaging the body. Must take security measures.

TECHNICAL PARAMETERS

Capacity	2KG	4KG	5KG	6KG	10KG
Product Size (mm)	φ240*H250	φ335*H365	φ335*H365	φ335*H365	φ360*H375
Crucible Size (mm)	φ78*H95	φ110*H130	φ120*H140	φ120*H150	φ140*H180
Melted Metal	Gold, Silver, Aluminum, Copper, Brass, Bronze, Tin and other many metal (metal with a melting point below 1350 °C)				
Maximum Temperature	1400°C(2372°F)				
Package Dimensions (mm)	300*300*480	400*400*480	400*400*480	400*400*480	400*400*480

MOLTEN METAL

Metal Name	Melting Point(°C)	Primary Capacity(Kg)				
		2Kg	4Kg	5Kg	6Kg	10Kg
Copper	1083.4	2	4	5	6	10
Aluminum	660	0.6	1.2	1.6	1.9	3.1
Gold	1064.18	4.4	8.9	11.1	13.3	22.2
Silver	961.78	2.4	4.8	6.0	7.2	12.1
Zinc	419.53	1.6	3.3	4.1	4.9	8.2
Tin	231.89	1.7	3.4	4.2	5.0	8.4

In order to achieve the ideal melting effect, do not melt at full load and do not fill the graphite crucible.