

# GARG ELECTROHEAT

ELECTRIC GOLD MELTER

(1 Kg)

Owners Manual

## **Note of Thanks**

We take the opportunity to thank you for vesting your interest in our product. We strongly recommend that you study carefully the operating instructions before attempting to operate the unit. We also recommend noting and displaying the precautions where the machine is installed.

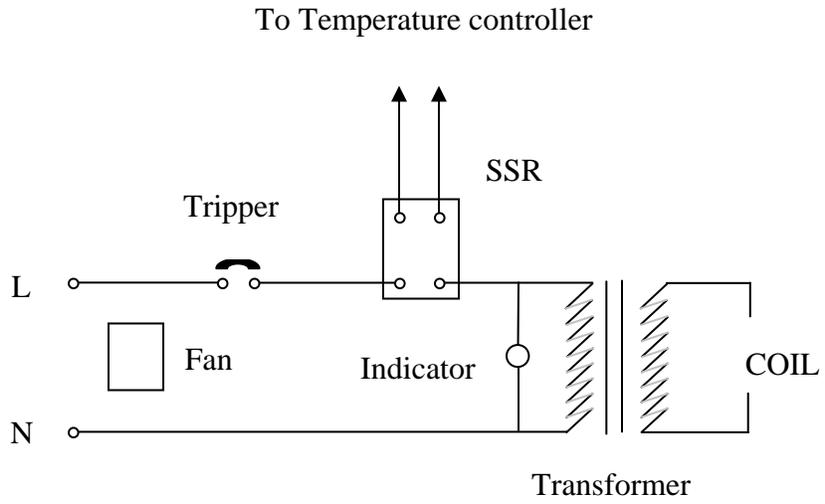
### **Specifications:**

- |                         |   |                     |
|-------------------------|---|---------------------|
| 1.) Power Consumption   | : | 1.2 KW              |
| 2.) Gold Capacity       | : | 1 kg (24 CT Gold)   |
| 3.) Maximum Temp.       | : | 1150 <sup>0</sup> C |
| 4.) Crucible            | : | Graphite            |
| 5.) Time for first Melt | : | 25 Min. (Approx)    |
| 6.) Coil Voltage        | : | 27 Volts.           |

## **Operating Instructions:**

- 1.) Plug in the machine in 15 A (single phase) Outlet.
- 2.) Turn on the supply. This will turn on the cooling fan (even if the machine switch is not on).
- 3.) Now place the crucible and turn on the machine switch. This will start the heating and temperature controller will show the "Present Temperature" on the Top Display.
- 4.) The "Set Temperature" will be displayed in Bottom Display.
- 5.) If you wish to change the "Set Temperature" to the desired value then press the "Set" button once and the "Set Temperature" will start to blink. Now you can set the desired temperature by "UP" and "Down" buttons. When you reach the desired temperature press "Set" again to store the value.
- 6.) Now the temperature will start rising. When it reaches the "Set Temperature" it will start On-Off action and will control the temperature.
- 7.) We recommend that you set a lower temperature and then increase to final temperature. ( e.g. if you want to set 1000<sup>0</sup>C first set 800<sup>0</sup>C and when 800<sup>0</sup>C is reached let it stabilized for 2 minutes and then increase it to 1000<sup>0</sup>C.)
- 8.) Please let the temperatures stabilize for approx. 5 minutes before checking the status.
- 9.) If temperature controller shows "1" or "OPEN" and the temperature does not increase. Please replace the sensor.

# Electrical Diagram:



Circuit Diagram

**Contact Information:**

**GARG ELECTROHEAT**  
**D-118, Ansa Industrial Estate,**  
**Saki Vihar Road, Andheri (E),**  
**Mumbai 400072.**

**Tel. : 022 – 28576335**

**Mobile : 0 9892216523 (Rajesh Garg)**

**Email : [gargelectroheat@gmail.com](mailto:gargelectroheat@gmail.com)**

**Website : [www.gargelectroheat.com](http://www.gargelectroheat.com)**