

DG-900AD

(Digital display automatically trigger heating type)

**MANUAL INDUCTION ALUMINIUM FOIL
SEALING MACHINE**

Operation Manual

(Please read this manual carefully before operation !)

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Summary

DG-900AD Manual induction aluminium foil sealing machine is based on the high frequency of magnetic field, which makes the foils engender immense whirlpool and be heated quickly. The agglutinate membranes under the foils are melted, which makes the foils conglutinated to the bottle to achieve the goal of airproof sealing rapidly and untouchably.

The sealer enjoys advanced micro computer technology. It has functions like deciding heating time accurately (the accuracy is to 0.1 second), and automatic trigger heating (no need to press the heating switch).Parameters are setted through the panel and will not be change when restart the machine.Operability, readability and consistency, and practical.

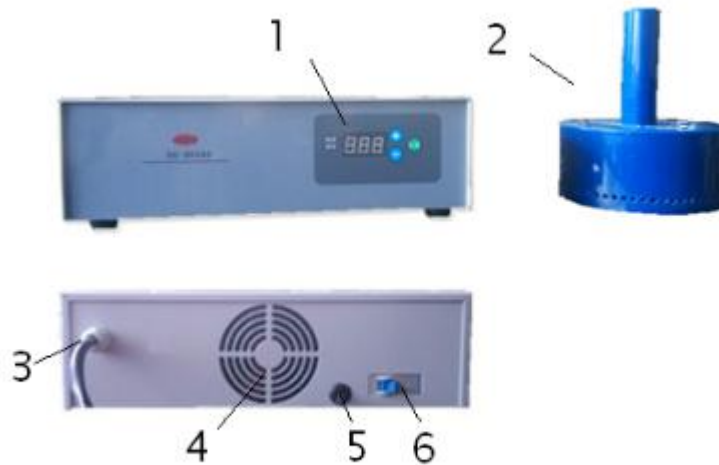
Main Parameter:

Output power: 900Wmax(20mm-50mm) or 1200Wmax(50mm-120mm)

Power supply: $\sim 220V \pm 10\%$ 50/60Hz

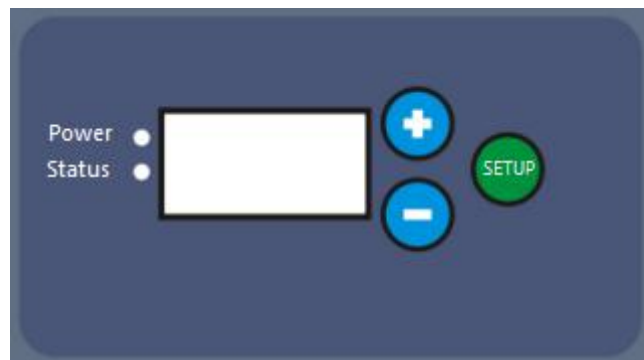
Time decision: 0.3 - 9.9 seconds

Sealed diameter: ☐ 20-50mm ☐ 50—120mm ☐ Custom



1.Operation panel 2.Induction heating head 3.Output line 4.Cooling fan 5.Power cable
6.Power switch

Operation panel diagram



Indicator Status Description:

Power ●	Status ●	Machine Status
Green	Not On	Standby state
Green	Red	Heating&Sealing state
Green	Yellow	Fault state

Setting of Sealing Time , Trigger Sensitivity



1. Setting of Sealing time:

Adjust add or subtract keys to setting the sealing time(Time decision: 0.3 - 9.9 seconds).



2. Manual adjustment Trigger sensitivity:

Pressing the setup button, then press +, - key to set. (Note: Sensitivity values range 5-63).



The smaller the diameter of the bottle, the greater the value required.

The greater the distance between the aluminum foil and the heating head, the greater the value required.

3. Automatic adjustment Trigger sensitivity:

a>Long press the SETUP button for 3 seconds,release button after three beeps.

b>Put the bottle (cap fitted with aluminum foil) closely under the center of the heating head and pressure on the bottle,remain intact untile the setting is complete.The sealing machine will identify the sensitivity automatically.

c>Press the Setup button to complete the setting.

If the trigger is not sensitive, please increase the sensitivity manually, or intentionally offset the distance of the half caps when automatically adjusting the sensitivity.

If sensitivity is too high,pls reduce the sensitivity value manually.

If the bottle cap is too small to automatically trigger, or do not need to automatically trigger, please install the foot switch. Before installing the foot switch, adjust the sensitivity to a state that can not be automatically triggered.

Operation:

- 1.Connect AC 220V power and put on the power switch.
- 2.Set the sealing time and trigger sensitivity.
- 3.Hold the hand of the heating head and put the bottle which is going to be sealed with a piece of aluminium foil between the bottle and it's cap, touching closely to the center of the heating head, the aluminium foil will be heated by the sealing machine.

If not start heating, there are two possibilities:

- a>there is no aluminium foil in bottle cap.
- b>the sensitivity is not correct.

Then the status light will be on green accompanied by one beep ,and the cooling fan will turn the same time. The machine start to sealing.The status light will be off when the decieded sealing time has been finished, with two beeps along. And the cooling fan will stop seconds later.

Then,next bottle.

Reasonable choice of induction heating time and trigger sensitivity, try to seal some samples first to get the best sealing result.

Sealing operation:

Replace the different caliber or the specifications of the bottle should be re-set the heating time and trigger sensitivity.

After adjusting the induction heating time or trigger sensitivity, please wait 5 seconds before sealing bottles.

Hand the sensor handle, the top of the bottle close to the center of the heating head (must be on the center, otherwise affect the sealing effect) can automatically trigger the heating.After the heating time is over, accompanied by two beeps, the bottle is sealing finished. The cooling fan in the heating head will go on working to cooling the heating head. When the temperature of the device is higher than 40 degrees, the cooling fan inside the chassis will automatically run to cooling the machine.

Reasonable choice of induction heating time and trigger sensitivity, try to seal some samples first to get the best sealing result.

Status Code

Status Code	Status Type	Description
E03	Overheat	The radiator temperature is over 65 degrees
E04	Overload	increase the distance between the heating head and the bottle properly
E07	Undervoltage	The input electricity is below 175V

Precautions:

- 1.Connect AC 220V power.And the power outlet must connect with earth line.
- 2.Forbid dismantling the heating head.Otherwise it may affect the effective output power,even burn the components.
- 3.Only aluminum foil gaskets and non-metallic containers can be sealed,otherwise it may damage the machine.
- 4.Forbid making changes or adjustments to the internal circuit of the machine.
5. Forbid using transparent plastic and other items to block the vent hole of the heating head , to avoid overheating and damage the machine.
- 6.Forbid sealing flammable, explosive and other dangerous goods!

P.S: The structure and technical indicators of the product may be subject to change.
It is forbidden to modify the equipment without the permission of the manufacturer.

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