

# Owner's Manual

**FY-HI-1100W**

The equipment is approved by following car manufacturers(China)



# MANUAL

Thanks for purchasing our product. The rated input current is 220V AC. Rapidly heating the collision by electromagnetic induction to make small-area paint-less dent repair. The entire machine small in size, convenient to move and work with variety in functions. LCD can visually displays the working time and power. It's easy to operate.

Before using, please carefully read this manual, in strict accordance with the instructions and precautions. Make a better protection for both machine and operator.

## **CAUTION!**

There are WARNING labels printed on the top of machine. Please strictly control the working environment to meet the requirements when using . Otherwise, it may damage the machine or more seriously may endanger personal safety.

## **CAUTION!**

Owing to the high temperature, Please keep away from human body when heating. Also keep children away from the machine. Please note to the earthing and avoid electric shock. Pay attention to water-proof and moisture-proof also ventilation.

## **WARNING!**

Power supply voltage as well as wire size should in strict accordance with the nameplate. All cables should be placed neatly. After using, Not only to turn off the machine switch, but also to unplug the socket for insurance purposes. Do not open the cover with electricity charged for maintenance, please contact our professional before opening.

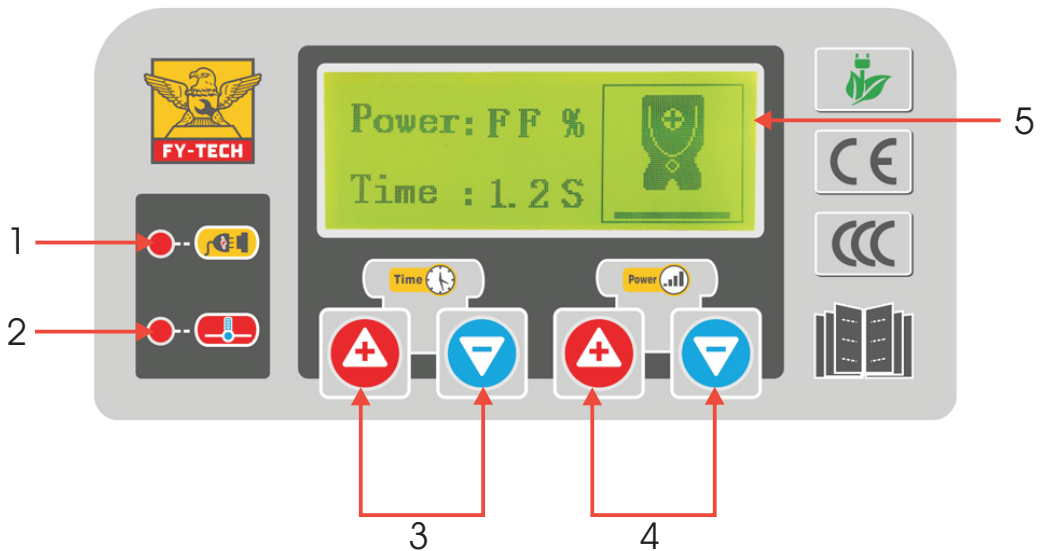
## **Pay attention to below when using:**

Make sure the machine is in good condition before using. Properly connected to the power to ensure that the machine is running normally. It is best to place the machine on a flat surface. Adjust the parameter according to the thickness of material. Please lift the heated end 2-5mm above the metal plate when it working, in order to prevent from burnt out. This machine only suitable for iron plate and soft dents. Whereas, sharp dents as well as creased areas belong to unsuitable range of use.

## **Working instruction:**

Firstly moving and heating around the dented area then toward to the dent center. Do not keep heating one area. If you want to reach an ideal effect, you'd better accompany by the leveling lamp when operating. It is suggested that the operators should practice time after time to master skilled operation way.

## Operation panel instructions :





1. Power light. This light on when the machine is charging.
2. Over temperature indicator: The machine will stop working when inside over heat and the temperature indicator starting.
3. Time increase and decrease: For setting the working time, with memory function. Time setting range: 0.2-4s that is automatic working mode(machine will keep working and will immediately stop working when the scheduled time arrived or sudden halt accrued) FF means manual mode ( machine keep working till power off) Every time you press the switch after setting, it will be recorded. Each time you turn on the machine will see the adjusted time you set last time.
4. Power increase and decrease: Adjust the working power, with memory function. Power range from 20% to FF (100%). Please set appropriate power for heating according to dent situation avoid to be burnt out.
5. LCD conveniently shows working time and working power. When pressing the starting key, there are dynamic pictures indicate the machine is under heating with no protection.

Malfunction instructions:

- 1.Follow below instructions: Firstly unplug the machine and open the case, check the fuse is burnt out or not, then check the power supply to see if it is well-connected. If any help needed, please contact our after-sales department.
- 2.Over heat warning: It is a normal phenomenon that the over-heat warning arising after a long working time. In this case, put the machine at a ventilated area. Don't use it until cooling-down. If the warning appears as soon as you turn on the machine, please report to our after-sales department.
- 3.No action: LCD shows the machine is under working, but it actually not. If in that case, follow the instructions to open the case and check the connection, reinsert the plug. If the LCD no function or working condition can not be recognized, please contact our after-sales department.

Specification data:

Technical Data	Technical Data	FY-HI-1100W
Input voltage	Input voltage	220V
Rated power	Rated power	1100W
Rated input current	Rated input current	6A
Frequency	Frequency	50/60HZ
Efficiency	Efficiency	≥90%
Power factor	Power factor	≥0.95
Insulation grade	Insulation grade	F
Dimension	 Cm	26x17x20cm
Weight	 kg	3kg

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