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# MT-18 air bag all in one machine



## User Manual

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## **1. Safety Rules**

For your personal safety, read this manual carefully. Familiar with the application and limitations of the machine, as well as the potential hazards associated with the machine.

- A. Please read the instructions carefully before using the device.
- B. The machine adopts the third grounding method for grounding, and it must be well grounded. Poor grounding may cause equipment damage or endanger personal safety.
- C. Non-professionals are strictly forbidden to open the electric box.

## **2. Specifications**

Equipment power supply: AC250V (optional AC110V, AC220V)

Working environment: 20-30°C, clean and dust-free

Fitting method: airbag pressing

Equipment power: 800W

Fitting time: 30S is recommended

Equipment size: 400\*320\*197(MM)

Wooden box size: 460\*400\*257(MM)

Equipment weight: 21KG

Weight with carton: 23KG

Fitting size: 16inch

## **3. Steps to use**

### **(1) Parameter setting**

1. After turning on the machine, set Chinese and English settings, and press the Chinese and English keys to switch.



2. Press Parameter Setting to set device parameters.



3. The factory default parameters are temperature: 40°C, vacuum time: 45 seconds, bonding time: 45 seconds, and defoaming time: 10 minutes.



\*No special requirements, please do not adjust the parameters without authorization, if you need to change the parameters, please contact the manufacturer after sales.

## (2).Pressure screen and matters needing attention

1. Use the screen positioning mold to carry out preliminary positioning and bonding of the liquid crystal and the cover plate.



\*Note that after the cover and the LCD are closed, do not squeeze or press. Usually there will be a hollow in the middle of the bottom of the mold. Just press and hold the middle of the cover with your fingers, and then tap the LCD in the middle of the bottom of the mold to make the middle stick That's right, this is extremely important!

2. Put the positioned screen into the special silicone pad for pressing the screen, put the glass panel upwards, then put it into the fitting cabin of the machine, and close the fitting door.



\*The placement of the screen is very important, which directly affects the final yield. The edge of the display window of the screen should be aligned with the edge of the sponge pad, so as to completely avoid the cable. Pressure leads to waste screen. (If you have other questions that you don't understand, you can contact the after-sales technicians to answer for you.)

3. Select "fitting + defoaming", press start to start the automatic screen pressing.



4. After starting, note that the negative pressure value on the display screen continues to rise, which means normal. If the pressure value does not rise after starting, please contact after-sales technicians to solve it for you.



\* Different regions have different altitudes, which will affect the effect of vacuuming. The higher the altitude, the lower the peak value of negative pressure, and the best effect is when the negative pressure is above -88.

5. Usually, the air in the cabin can be pumped out within 45 seconds of vacuum time, and then the airbag rises slowly. The bonding time is 45 seconds. After the bonding is completed, the airbag descends. After the positive and negative pressure gauge is reset to zero, you can open the hatch and take out the product



6. After the screen is pasted, a screen measurement is required

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(3) Take out the final product and check whether the display and touch are normal.

\*Before opening the hatch every time, check whether there is gas in the cavity. The checking method is to observe the positive and negative pressure values on the display screen. The door can only be opened when the air pressure is zero.

### 3. Working mode

#### 1. Laminating mode



Press the start button, the device can start to work, the machine starts to vacuumize, runs to the set bonding time, the pressure jumps, at this time the device starts to bond, when the set bonding time is reached, the device starts to deflate, and the negative pressure value returns to zero , the fit is complete



## 2. Defoaming mode



Press the start button, the device can start working, the positive pressure reaches 0.6MPa, and it runs until the defoaming time is set. When the device starts defoaming, when the set defoaming time is reached, the device starts to deflate, the positive pressure value returns to zero, and the defoaming is completed.

**\*Observe the pressure gauge during the defoaming process, no air leakage**

## 3. Laminating defoaming mode



Press the start button, the device starts to work, observe the negative pressure gauge, temperature control gauge, and negative pressure gauge to



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zero, after the lamination is completed, the device automatically jumps to the defoaming mode, the positive pressure reaches 0.6MPa, and the device deflates when the set time is reached , the positive pressure gauge is reset to zero, the running time is reset to zero, and the fit and defoaming are completed.

\*The defoaming time can be adjusted according to the size of the bubbles on the screen, at least 5 to 10 minutes.

#### 4. Equipment maintenance

Maintenance item	Precautions for maintenance
Cavity	Check whether there are sundries, and if so, please clean them up in time.
Equipment lifetime	When the machine is not in use, the power must be turned off to make the equipment last longer
Cooling net	Regularly clean, keep clean, strictly prohibit blockage