

#### 产品参数

电源:110/220V

系统控制:触屏UI操作界面

功率:1000W

设备尺寸:540×265×375MM

贴合方式:8寸以内

适应尺寸:8寸以内

重量:46KGS

工作环境:正常室温

除泡压力:6bars

压屏温度:60°C

压屏压力:曲面:三星Note8/9:3.8bars,其他型号s:3bars,直屏:1.8bars

压屏尺寸:8寸以内

Power supply: 110/220V

System Control: Touch Screen UI Operation Interface

Power: 1000W

Equipment size: 540 × 265 × 375MM

Fit: 8 inches or less

Adapt to size: 8 inches or less

Weight: 46 KGS

Working environment: normal room temperature

Defoaming pressure: 6 bars

Pressure screen temperature: 60 ° C

Pressure on screen: curved screen: Samsung Note 8/9: 3.8 bars, other models s: 3 bars, straight screen: 1.8 bars

Pressure screen size: 8 inches or less

#### 注意事项Attention:

- 1.所有参数更改是有一定范围限制的,超出范围则设置无效。
- 2.贴合带支架的苹果屏,可直接贴合(不需要胶模),贴直面屏用直面底座,贴曲面屏用曲面底座,贴曲面屏,使用相配型号的胶模即可。
- 3.贴合压力太大容易爆屏,贴合压力太小会影响效果,不低于2公斤,不高于5公斤。
- 4.为了更稳定的贴合效果,可适当加长除泡时间。
- 5.高原地区空气压力较低,贴合压力可适当调高到4至5公斤,效果更稳定。
- 6.如有反泡现象,可把温度适当调低一些,或把除泡时间适当缩短一些,确认干胶是否过期。
- 7.如果门没合到位,会抽不了真空,直接影响贴合效果。
- 8.本机有真空检测功能,若达不到设定真空度,不会下压。

- 1.All the parameters change is limited,so if the parameter setting out of range is useless.
2. Fit the apple screen with the bracket, it can be directly attached (no need for plastic mold), the straight surface of the straight surface screen is used, the curved surface of the curved screen is used, and the curved screen is fitted, and the plastic mold of the matching model can be used.
- 3.To large laminating pressure will damage LCD and too low will affect the results of lamination. It is better to use between 2 kg and 5 kg.
- 4.You can extend the time of removing bubble appropriately to achieve a more stable laminating effect.
- 5.The air pressure of the plateau region is low,so you can adjust the laminating pressure to 4-5kg for the more stable laminating effect .
- 6.If the bubble reappear, you can put down the temperature or shorten the time of removing bubble or to confirm whether the glue is overdue or not.
- 7.If the door doesn't close tightly, it will affect the results of the lamination directly.
- 8.This machine comes with vacuum testing function. It will not proceed laminating until the vacuum reach to stated degree.



## K-1903 曲面贴合机

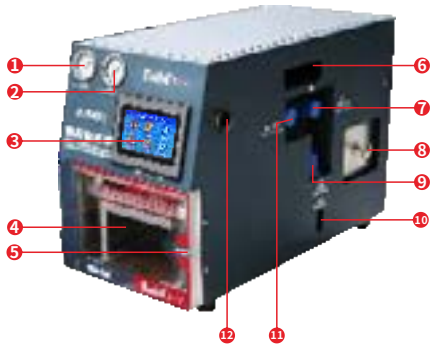
### SCREEN BONDING MACHINE

感谢您使用我们的产品,为了您能够安全使用这款新产品,请在使用前仔细阅读使用书。

请保管此说明书以备将来使用。请勿随意尝试拆卸或改装本机!

Thank you for using our products. For the safe of use of this new product, Before operating this unit, please read these instructions completely and save this manual for future use. Please do not attempt to disassemble or modified the machine!

## 产品示意图 SCHEMATIC DIAGRAM



1. 除泡压力表/Defoaming pressure gauge
2. 贴合压力表 / Fit pressure gauge
3. 触屏控制区/Touch screen control area
4. 压屏贴合仓/Pressure screen bonding warehouse
5. 贴合仓门锁 /attached warehouse door lock
6. 省力提手位/Labor-saving handle
7. 曲面OCA调节/Surface OCA adjustment
8. 除泡机/ Air Bubble Removing Machine
9. 除泡压力调节/Defoaming pressure regulation
10. 除泡过滤器/Defoaming filter
11. 曲/直液晶调节/Curved / straight LCD adjustment
12. 金属急停按钮/Metal emergency stop button

## 操作说明 INSTRUCTIONS

### 1. 模式选择:

通电后进入模式选择界面,进行语言模式及操作模式选择,选择需的操作模式进行使用如图1

### 2. 曲面OCA定位:

选择与贴合曲面屏相对应的曲面贴合模具,把OCA贴合胶膜定位好在贴合底座上,把OCA定位在OCA定位模具上,在把定位好的OCA附到贴合胶膜上,最后把盖板用模具定位好放置在贴合底座上,放入贴合仓进行贴合(具体参考图文分解,曲面屏模具操作)



### 3. 曲面液晶 (LCD) 定位:

选择与贴合曲面屏相对应的曲面贴合模具,把LCD贴合胶膜(带排线槽)定位好在贴合底座上,把LCD定位在LCD定位模具上,在把定位好的LCD附到贴合胶膜上,最后把贴好OCA的盖板用模具定位好放置在贴合(具体参考图文分解,曲面屏模具操作)底座上,放入贴合仓进行贴合。

### 4. 直面贴合:

直面贴合的方法与其他直面屏贴合的方法一样,只要把曲面贴合底座换成直面屏的贴合底座即可。

### 5. 除泡:

把贴完的OCA盖板或LCD屏放入除泡罐,选择相对应的除泡模式OCA除泡模式或LCD除泡模式进行除。

### 6. 参数设置:

进入相应的操作模式界面,点击设定进入参数界面,点击需要设置的参数在数字键盘界面输入需要更改的数值。

### 7. 压力调节:

压力调节在机器的侧面有三个压力调节阀进行调节顺时针为增压,逆时针为减压。调节时先把调节帽向外拉出在进行调节。

1. Mode Selection: Enter the mode selection interface after machine power-on, select the language mode and operation mode, and then select

the operation mode you need for use, as shown in photo 1.

2. Surface OCA positioning: Choose curved-screen laminating mould which is corresponding to the screen, then put OCA bonding film on the bonding base, locate OCA on the OCA positioning mould, attach the positioned OCA to the bonding film, and finally place the cover plate which is positioned well on the bonding base, and put it into the bonding bin for bonding. (Please refer to the photos-Curved screen mould operation)

3. Curved-screen (LCD) positioning: Choose curved-screen laminating mould which is corresponding to the screen, then put LCD lamination film (with flex cables slots) on the laminated base, locate the LCD on the LCD positioning mould, attach the positioned LCD to the laminated film, and finally place the laminated OCA cover plate which is positioned well on the base. Put it into the bonding bin for bonding. (Please refer to the photos-Curved screen mould operation)

4. Flat LCD screen lamination: The method of Flat LCD screen is same as the method of other machine, as long as the curved screen laminating base is replaced by the flat LCD screen one.

5. Defoaming: Put the laminated OCA cover or LCD screen into the defoaming tank, and select the corresponding defoaming mode: OCA defoaming mode or LCD defoaming mode to process.

6. parameter setting: Enter the corresponding operation mode interface, click Setting to enter the parameter interface, and click the parameter to be set to enter the value to be changed in the digital keyboard interface.

7. Pressure Regulation: Pressure regulation is regulated by three pressure regulating valves on the side of the machine. Clockwise is pressurization, counterclockwise is decompression. When adjusting, the adjusting cap is pulled out to adjust.

## 图文分解 Graphic Text Decomposition

1. 将OCA干胶跟模具1对位精准,按下吸附位。

2. 对位准确后,将干胶对准模具向下挤压让,OCA干胶吸附到软胶垫上。

3. 吸附完成后撕开干胶的保护膜。

4. 拿出曲面模具2,将盖板精准对位。

5. 将曲面模具2,放置在底座孔位对准。

6. 对准孔位后,将组件推送入机器进行,OCA干胶贴合模式。

7. 将液晶跟模具组件1的另一面对位。

8. 将软胶垫有凹陷排线的一面跟已经对位好,液晶的组件1进行对位,吸附定位。

9. 拿出贴好OCA干胶和盖板的组件2。

10. 此模具所有组件都有对位标识,认准对位更快捷。

1. Align the OCA dry glue with the mold 1 and press the adsorption position.

2. After the alignment is accurate, squeeze the dry glue to the mold and squeeze it down. Let OCA dry glue adhere to the soft pad.

3. Peel the protective film of the dry glue after the adsorption is completed.

4. Take out the surface mold 2 and accurately align the cover.

5. Place the curved mold 2 in the hole alignment of the base.

6. After aligning the holes, push the components into the machine. OCA dry glue fitting mode.

7. Put the liquid crystal with the other facing position of the mold assembly 1.

8. The side of the soft pad with the recessed cable is already in good alignment. Liquid crystal component 1 is aligned, adsorption positioning.

9. Take out the components that fit the OCA dry glue and cover 2 Align the cover to the base and push it to the machine Fit the LCD bonding mode

10. All components of this mold have an alignment mark, which is easier to find.

