OL-1585-DH Specification----- Double Head Manual platform

1) Equipment Model Number:
   OL-1585-DH-SS   (Double Head, Single Screen)

2) Device Description :
   Repair screen machine / Bonding machine
3) Device Uses:
FPC、COF、TAB、LCD Panel and PCB combination bonding

4) Applicable LCD panel specifications:
15”-85”(65inch, 85inch, 100inch optional, different glass platform)

5) Applicable LCD panel thickness:
0.3MM-1.1MM(Single glass)

6) Bonding IC number:
Multiple / Panel Can be set

7) Bind direction:
X or Y Unidirection

8) Bonding IC size:
Replaceable blade according to IC specifications (The original machine is equipped 45X1.5X10)

9) Device processing time:
TFT, 3.8S/chip

10) Production Beats:
TAB, 100 pcs/H

11) Bonding Accuracy:
Within ± 1.5μm (support 4K screen)

12) Highest positioning accuracy setting:
±0.5μm (Currently domestic the highest index)

13) Equipment requirements the work environment:
Clean, No dust, Clean room

14) Supply Pressure:
0.5~0.7Mpa (Dry air source)

15) Power Supply:
AC 220V±10%, 50HZ, 2200W

16) Cylinder Device:
Japan AIRTAK original thin cylinder

17) Heating Type:
Pulse (rapid heating / cooling and auxiliary cooling function)

18) PID Temperature Control System:
Brand: YUDIAN (516 model)
Adjustable heating curve  Precision PID self-tuning type
The peak temperature : within +/- 3 degrees Celsius
Room temperature time to 180 degrees the response time within 2-3 seconds

19) Hot pressing head:
Materials: Japan Titanium
origin: United States
Plane precision (hot press side) :0.001mm
Plane thickness 0.5  (Reserved 3 times grinding)

20) Thermocouple Type:
K type   Original US OMEGA wire

21) Industrial control units / Programmer:
Import Taiwan DELTA

22) Image unit:
Panasonic image processing system
COF counterpoint: Down counterpoint
PCB counterpoint : UP Counterpoint
Number of lenses :4pcs
Microscopy: 30-120 Continuous zoom
COF Display: 19-inch HD   1pcs
PCB counterpoint the display : None (Can be installed )
Upper light source : have
Down light source : have

23) COF trimming unit:
Origin: Taiwan
Rail Type: U-rail (2056 high)
Accuracy : 0.01
Adjustable direction :X/Y/R
R Itinerary : Coarse 360 degrees, fine tuning +/- 5 degrees

24) COF Fixture : COF mechanical clamping type, Z tilt radius  micrometer trimming

25) Lens spinner unit:
Control mode: X / Y / Z micrometer control
Focus Adjustment: Manually adjust the focus

26) Position detection: None

27) Silicone / Teflon:
Manual switching position

28) LCD stage (platform):
Manual sliding or fixed optional, automatic stage can be customized

29) Alarm device:
Pressure abnormal/ temperature anomalies / thermocouple abnormal / action abnormal

30) Hot press head counterpoint:
Cylinder stop can be set at any position in the vertical direction

31) Control mode:
Touch screen + button operation Using Taiwan's Wei Lun touch screen dual-core

32) Parameter setting:
According to the need to set up Store multiple sets of hot pressing parameters

33) Rated voltage:
180-220 (customizable 110V)

34) Peak power:
200-2200W (Supports 68X1.5X10 lengthened tool bit)

35) Maximum power:
About 2200W

36) Actual power:
About 1200W

37) Machine Body size:
1200X1200x1380mm(L*W*H)
Platform size: according to the panel size.

38) Machine weight:
300KG
Remark: OL-1585-DH, is our company in the R&D process, according to maintenance staff tailored high-end products, machine not only in the accuracy of the temperature and the mechanical accuracy do the precision design, the procedures also increases the glass and circuit board parameters direct selected function, working pressure automatically switch, greatly facilitate the technical staff selected the parameters, increased the tool bit preheating function, to ensure that the machine at any temperature difference can ensure heating rate and temperature accuracy, double head design, glass and circuit board independent bonding reached factory-class level, high bonding excellent rate, low repair rate, this machine is the maintenance and after-sales staff preferred the classic model.