

# LW<sup>Fix</sup> 深圳市励维科技有限公司

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## 1. LV-02 equipment appearance.



## 2. Features of the LV-02 Equipment

2. 1 Independent dual-zone temperature control system
2. 2 The upper temperature zone uses hot air heating, and the lower temperature zone uses IR infrared heating, both of which can be controlled independently;

2.3 By adopting the principle of simultaneous heating with the upper temperature zone and IR temperature zone, and rapid cooling with cross-flow fans, it ensures that the PCB does not deform during the removal or soldering process;

2.4 The machine is easy and fast to operate. You can simply place the PCB motherboard on the support bars, and by moving the upper heating head forward and backward and rotating it, you can reach any position on the board;

2.5 The upper temperature zone can be manually moved forward and backward and rotated in any direction;

2.6 High-precision thermocouples are used to achieve precise temperature detection;

2.7 Equipped with various sizes of alloy hot air nozzles that can be rotated 360°, easy to replace, and can be customized according to actual requirements;

2.8 It can easily handle large heat capacity PCBs and other high-temperature requirements, lead-free soldering, etc.

### 3. LV-02 Technical Parameters:

|                     |   |
|---------------------|---|
| Total power         | 3900W   |
| Upper heater        | 800W  |
| Down heater         | 3000W   |
| Power               | (Single Phase) AC 220V±10 50Hz  |
| Location way        | V-shaped slot + universal jigs  |
| Temperature control | High-precision K-type thermocouple (K-sensor) with closed-loop control, featuring independent upper and lower temperature measurement |
| Electrical material | PC410 Temperature control instrument +C10 temperature control instrument  |
| Max PCB size        | 370×335mm   |
| Min PCB size        | 20×20mm   |
| Sensor port         | 1   |
| PCB thickness       | 1-5mm   |
| Apply chip          | 1-50mm  |
| Overall dimension   | L470×W420×H470mm  |
| Machine weight      | Net weight 25kg   |