FR-872

Packaging List

- Part No.: AU038
- Power: 195-265 V
- Heater: 200-240 V
- Thermocouple

Specifications

- Power Consumption: 200 V 1050 W, 110 V 1250 W, 120 V 1440 W
- Operation Mode: Auto Power Mode-Auto T/C Mode
- Setting Range: Power Mode: 0 to 100%
- T/C Mode: 50 to 200°C
- Heating Element: High Efficiency Carbon Heater
- Effective Heated Area: 224(W) x 260(D) mm (8.8 x 10.2 in.)
- Heater Area Dimensions: 286(W) x 350(D) mm (11.3 x 13.8 in.)
- Heater Zone: 4
- Temperature Sensor: K-type thermocouple
- Heater Lamp Lifetime: 2,100 hours
- Heater Control: Power Mode: Percentage-based system
- T/C Mode: PID control
- External Connections: 16 pins, 300 mA, 5 V DC, 24 V DC, 12 V DC, 24 V DC
- Dimensions: 185(W) x 380(D) x 220(H) mm (7.3 x 15 x 8.7 in.)
- Weight: 8.5 kg (18.4 lb)

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FR-872 can make your job easier with larger heating area where carbon heaters are on-board

Point 1 Larger heating area for large-size boards

Larger size boards can be handled with ease, thanks to the increased heating area. The heating area is made larger to accept larger size boards. What’s more, the unit’s carbon heater employs a non-contact heating system that makes this updated model ideal for reworking or mounting post-production components on high-capacity boards, where solder does not always melt easily, and on other workpieces.

Point 2 Four-Zone heating area

The heating area has been split into four zones that can be independently activated, making it possible to heat all of the board or only necessary areas when reworking large boards or to turn off unnecessary areas when reworking small boards.

Point 3 High efficiency carbon heater

New high efficiency heating elements increase preheat performance striking a balance to mitigate IR shadowing while reducing glare from full spectrum heaters.

Point 4 Four selectable modes to fit your process

- Power Mode: Lets you set output power intensity from 0% to 100%.
- T/C (Temperature Control) Mode: External sensor controls output to maintain a selected temperature of the board and components.
- Auto Mode: Lets you control output or temperature in three timed profile steps.

Point 5 Adjustable board attachment guides

Board attachment guides can be adjusted easily to suit the size of the board. Boards can be attached and removed easily after the guides have been adjusted to fit.

Hot air operation integrated with preheater operation

When used in conjunction with a hot air rework system (FR-6039 or FR-205), the preheater unit (FR-A10) heat turns on and off in sync with the operation of the rework system’s switch. This function helps the two systems to work together in a thermal-rework profile.

*The only rework station compatible with the integration operation function is the FR-A209 Hot Air Rework System.