

HAKKO FR-830 PREHEATER ESD SAFE

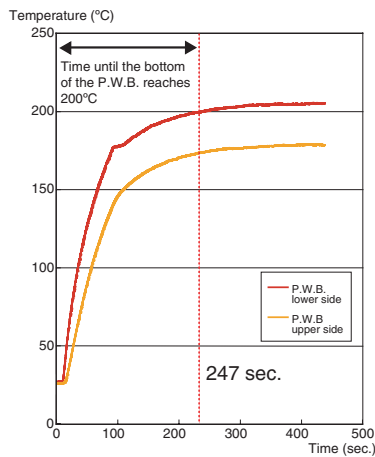
Preheater **Analog**



- Compact pre-heater best suited for heat processing on localized areas
- Featuring quick heatup and less variations in temperature

Features

Preheating in a short time



Test criteria

Measurement method	Temperature measured using sensors mounted on both the top and bottom surfaces of the P.W.B.
Distance between air outlet and P.W.B.	10 mm
Temperature setting	300°C

Packing List

FR-830	Unit, Power cord, Instruction manual
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Specifications

Model No.	FR-830
Power consumption	210 W (100 V), 240 W (110 V), 470 W (120 V), 230 W (220 V), 250 W (230 V), 270 W (240 V)
Air flow	0.15 m ³ /min. (fan capability)
Temperature range	150 to 300°C (Above the blow exit)
Dimensions*	140 (W) × 75 (H) × 185 (D) mm
Weight**	0.75 kg

* The height (H) is the distance from the bottom of the feet to the top of the exhaust outlet.
** Without cord

Option

Part No.	Name	Specifications
B3263	Extension pipe	With lid
B2763	Hand switch	-
B1649	Foot switch	-

Accessories for SMD-BGA Repair System

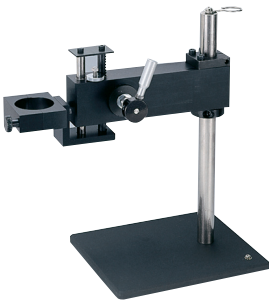
Set-up example; Rework fixture, Omnivise, FR-803B, FR-830, FG-100



- Combination with HAKKO FR-800 series allows the SMD and BGA rework equipment to set up at low cost.

Features

REWORK FIXTURE 牌 No.C1392B



- Smooth vertical motion
- The handpiece may be easily installed or removed from the clamp.
- Easy to position

OMNIVISE 牌 No.C1390C (Set of 1 piece)



- The height can be adjusted to 72.5 mm, 78.0 mm, 84.5 mm, 91.0 mm and 97.5 mm.
- The jaws are padded to preclude damage to delicate objects.
- Full rotations of 360° are available without interference.

NOZZLE TRAY 牌 No.C1391B

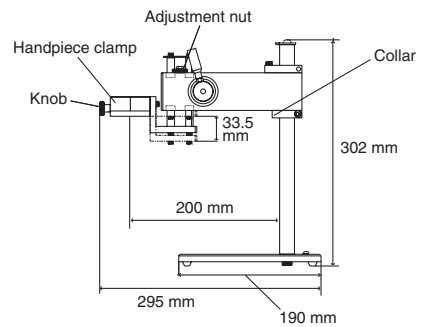


- Holds nozzles in neat rows
- Aids in nozzle installation and removal

Specifications

Model No.	C1392B	C1390C	C1391B
Dimensions	—	ø57 × 88 mm	305 (W) × 64 (H) × 140 (D) mm
Weight	4.6 kg	1.2 kg (1 pc)	0.87 kg

Dimensional drawing for C1392B



Easy to install and remove the nozzle for C1391B

