TRA RX-330

SIX-ZONE HOT-AIR REFLOW OVEN

Controlled thermal processing for SMT PCB assembly

PRECISION IN EVERY THERMAL STAGE



6 ZONES
3 upper + 3 lower

1060 mm
Heating zone length

UP TO 400°C
Temperature range

Consistent heat. Controlled reflow.

Hot-air circulation and PID closed-loop temperature control support repeatable soldering profiles for lead-free SMT production.

Technical Specifications

TRA RX-330 | 6-zone hot-air reflow soldering oven

PROCESS & CONVEYING	
Heating zones	6 (3 upper + 3 lower)
Heating method	Hot-air convection
Cooling zones	2 ventilation cooling zones
Heating-zone length	1060 mm
Conveyor belt width	300 mm
Maximum PCB size	280 x 280 mm
Conveyor height	900 ±20 mm
Conveyor speed	0-1350 mm/min
Conveyor direction	Left to right / right to left

UTILITIES & DIMENSIONS	
Temperature range	Ambient to 400°C
Temperature control	Touchscreen; PID closed loop
Warm-up time	Approx. 20 min
Machine pass-through	3.5-5.5 min
Input supply	AC 220 / 380 V, 50 Hz
Starting power	9 kW
Operating power	3 kW
Dimensions (L x W x H)	2100 x 680 x 1200 mm
Weight	215 kg

Built for practical SMT production

Independent zone control, hot-air convection and a 300 mm conveyor belt combine in a compact SMT reflow platform. High-temperature capability supports lead-free soldering applications.

Electrical supply is configurable; confirm the required voltage before ordering.

Designed Around the Reflow Process



01 Front overview

Six-zone oven with a 1060 mm heating tunnel.



02 Angled overview

Touchscreen console and cabinet in a compact layout.



03 Conveyor entry

Mesh belt transports circuit boards through the oven.



04 Hot-air chamber

Finned heater and circulation components for heat transfer.

A Practical SMT Reflow Workstation



Six heating zones

Three upper and three lower zones create the thermal stages required for PCB reflow.

Touchscreen PID control

Set temperature and conveyor parameters through the operator interface.

Inline conveyor workflow

The 300 mm belt supports board transport and .integration into an SMT assembly line

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