

KT Series

- High-End Lead-Free Hot Air Reflow Oven

I. Description:

High capacity, normal working conveyor speed reached 160cm/min. Low energy consumption, low cost. Special for the high-speed production and high density PCBA technology; Powerful temperature control, setting and actual temperature difference within 1.0°C, unload and load temperature fluctuates within 1.5°C; Rapid temperature raising ability, temperature difference between neighboring zone 100°C; The newest insulation technique and new chamber design ensured that surface temperature is room temperature +5°C;



II. Features:

- N² quality controllable in whole process, O₂ density closed-loop controlled independently at 50-200ppm in every zone;
- The newest cooling technology, optional double side multi-cooling zone, the effective cooling length is 1400mm, make sure fast cooling of the product to the lowest output temperature;
- New two level flux separation system with multi-zone collection which make separation thoroughly, so that the maintenance time and frequency was reduced significantly;
- Dual line in different speed, one set cost, double capacity, energy saving 65%.

III.Specifications:

Model	KTS-0804/KTS-0804-N	KTS-1004/KTS-1004-N	KTS-1204/KTS-1204-N
Dimensions(L×W×H)	5900x1495x1630mm	6622x1495x1630mm	7313x1495x1630mm
Standard Color	Computer Grey	Computer Grey	ComputerGrey
Net Weight	Approx.2800KG/2950KG	Approx.3250KG/3400KG	Approx.3700KG/3850KG
Electric Supply Required	AC380V3φ5W50/60Hz(Optional:AC,220Vφ3 50/60Hz)		
Electric Power Required	65KW /69KW	30KW/32KW	93KW/97KW
Power For WarmUp	81KW/85KW	32KW/34KW	37KW/39KW
Power Consumption	7.5KW/8.5KW	8.5KW/9.5KW	10.5KW/11.5KW
Components Clearance	Top 30mm/Bottom25mm of PCB		
Model	KTD-0804/KTD-0804-N	KTD-1004/KTD-1004-N	KTD-1204/KTD-1204-N
Dimensions (L×W×H)	5900x1725x1630mm	6622×1725x1630mm	7313x1725x1630mm
Standard Color	Computer Grey		
Net Weight	Approx.3150KG/3300KG	Approx.3650KG/3800KG	Approx.4150KG/4300KG
Electric Supply Required	AC,380V3φ 5W 50/60Hz(Optional:AC,220V3φ)		
Electric Power Required	71KW/74KW	89KW/92KW	101KW/105KW
Power For Warm Up	33KW/35KW	35KW/37KW	40KW/42KW
Power Consumption	9KW/9.5KW	10KW/11KW	11.5KW/13KW
Components Clearance	Top 30mm/Bottom25mm of PCB		
Model	KTS-0804L/KTS-0804L-N	KTS-1004L/KTS-1004L-N	KTS-1204L/KTS-1204L-N
Dimensions(L×W×H)	5900x1725x1630mm	6622×1725x1630mm	7313x1725x1630mm
Standard Colon	Computer Grey		
Net Weight	Approx.3100KG/3250KG	Approx.3600KG/3750KG	Approx.4100KG/4250KG
Electric Source Required	AC,380V3φ5W50/60Hz(Optional:AC,220V50/60Hz)		
Electric Power Required	71KW/74KW	89KW/92KW	101KW/105KW
Power For Heat Up	32KW/34KW	34KW/36KW	39KW/41KW
Power Consumption	8KW/9KW	9.5KW/10KW	11KW/12KW
Component Clearance	Top 30mm/Bottom25mm of PCB		