Zhejiang NeoDen Tech Co.,Ltd
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IN6C Catalog

Brief Introduction



IN6C is a newly designed and manufactured reflow oven by NeoDen Tech. It has 6 temperature zones, a built-in welding smoke filtering system, working file memory function and heat-up reminder, which makes it intelligent and innovative and compact.

Features

1.Full heat convection, excellent soldering performance.
2.16 working files can be stored, flexibly convert from Celsius to Fahrenheit, easy to understand
3.Smart control with high sensitivity temperature sensor, the temperature can be stabilized within + 0.2℃.
4.Built-in welding smoke filtering system, elegant appearance and eco-friendly.
5.High-performance aluminum alloy heating plate instead of heating pipe, both energy-saving and high-efficient, and transverse temperature deviation is less than 2℃.
6.Heat insulation protection design, the casing temperature can be controlled within 40℃.
7.Equipped with an ESD tray, easy to collect PCB after reflowing, convenient for prototype.
8.6 temperature zones, light and compact.
9.PCB soldering temperature curve can be displayed based on real-time measurement
10.Approved by TUV NORD CE, qualified and reliable.

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Specification

Model	IN6C
Heating Zone Quantity	upper3/down3 (2 pre-heat and 1 reflow zone)
Heating Type	nichrome wire and aluminum alloy heating
Cooling Zone Quantity	1
Conveyor Speed	5 - 30 cm/min (2 - 12 inch/min)
Temperature Range	Room temperature～300℃
Temperature Accuracy	±0.5℃
PCB Temperature Deviation	±1℃
Soldering Width	250 mm
Length Process Chamber	680 mm (26.8 inch)
Heat-up Time	20~30 mins
Standard Max Height (mm)	Up 26mm, down 14mm
Operation Direction	left→right
Electricity Supply	AC110v/220v single phase
Max Rated Power	2000w
Working Power	approx.700w
Machine Size	L1016*W567*H350mm
Net Weight	57KG