

# CONVEYORIZED CONVECTION TYPE MULTIZONE SMT REFLOW OVEN

# IN6C



## Features:

<b>Heat Convection</b>	: Provides excellent soldering performance.
<b>File Storage</b>	: Stores up to 16 working files and allows flexible temperature unit conversion (Celsius to Fahrenheit).
<b>Smart Control</b>	: Utilizes a high-sensitivity temperature sensor to stabilize temperature within $\pm 0.02^\circ\text{C}$ .
<b>Smoke Filtering</b>	: Built-in system filters welding smoke, maintaining an elegant appearance and eco-friendliness.
<b>Aluminum Alloy Heating Plate</b>	: Replaces heating pipes, saving energy and ensuring temperature deviation is less than $2^\circ\text{C}$ .
<b>Heat Insulation</b>	: Casing temperature control keeps it below $40^\circ\text{C}$ .
<b>ESD Tray</b>	: Conveniently collects PCBs after reflowing.
<b>Compact Design</b>	: Features 6 temperature zones and a lightweight build.
<b>Real-Time Temperature Curve</b>	: Displays PCB soldering temperature based on real-time measurements.
<b>Reliability</b>	: An upgraded version of IN6, qualified and reliable.

The IN6C, a newly designed and manufactured reflow oven by NeoDen Tech, boasts six temperature zones, a built-in welding smoke filtering system, working file memory function, and a heat-up reminder. These features contribute to its intelligence, innovation, and compact design.

## Specifications:

Model	IN6C
Heating Zone Quantity	Upper 3 / Down 3
Heating Type	Nichrome wire and aluminum alloy heating
Cooling Zone Quantity	1
Conveyor Speed	15 - 60 cm/min (6 - 23 inch/min)
Temperature Range	Room temperature to $300^\circ\text{C}$
Temperature Accuracy	$\pm 0.5^\circ\text{C}$
PCB Temperature Deviation	$\pm 1^\circ\text{C}$
Soldering Width	260 mm (10 inch)
Length Process Chamber	680 mm (26.8 inch)
Heat-up Time	Approx. 15 min
Standard Max Height	Upper: 26 cm / Down: 10 cm
Operation Direction	Left $\rightarrow$ Right
Electricity Supply	AC110v/220v single phase
Max Rated Power	2000W
Working Power	Approx. 700W
Machine Size	112 × 56 × 35 cm
Net Weight	52 kg
Gross Weight	80 kg
Packing Size	112 × 68 × 45 cm

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For More Details



+91 92 4377 7818



+91 80 2365 6465  
+91 78 9962 4450



info@neodenindia.com



www.neodenindia.com

