

Medium-sized reflow oven in an atmospheric environment

SOLSYS-4031

The SOLSYS-4031 is a compact reflow oven designed for atmospheric use only, without the use of N₂. Despite its simple design with a total length of 2,500mm and a 4-zone configuration, it achieves profile reproduction equivalent to that of mass production lines. It supports a wide range of heating processes, including not only reflow applications but also drying and long-term heating (curing). It is a long-selling model that has been adopted for many years both domestically and internationally, thanks to its ability to ensure stable heating quality while keeping running costs down.



Standard specifications

Number of zones	4 heating zones	Flux recovery mechanism	Cannot be installed
Heating method	Top hot air + far-infrared heating	PC outlet	1 piece (100V)
	Lower far infrared heating method	Pass line	900 ± 20mm
Maximum set temperature	Top 320°C / Bottom 350°C	Input power (*1)	AC200V 3 φ 15kVA 43A
Board effective width	50~310mm	Stable power consumption	Approximately 4kW/h
Conveying method	Pin chain or Mesh	Device dimensions	L2,500 × D792 × H1,240mm
Conveying speed	0.3~1.5m/min	Equipment weight	450kg
Part effective height	Top surface 25mm / Bottom surface 18mm	*1: Input power is used in peak power suppression mode.	
Oxygenconcentration meter	Cannot be installed		

Option

① Overheating Prevention Device
② Board drop sensor
③ UPS (Uninterruptible Power Supply)
④ Entrance/exit conveyor extension
⑤ Circulation fan stop detection
⑥ Hood interlock
⑦ Reflow checker (profile measurement unit)
⑧ Various conveyors (conveyor, cooling conveyor, loader, unloader)

*Regarding safety specifications and compliance with various standards, we can provide individual support according to your requirements.

Contact information

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