

小型リフロー炉

UNI-5031



The UNI-5031 is a wide-type compact reflow oven (atmospheric model) with an expanded conveying width. It supports multi-lane (parallel) conveying via a mesh conveyor, ensuring high processing capacity even for evaluation and testing purposes. Its 5-zone heating structure enables profile reproduction equivalent to mass production lines, making it suitable for a wide range of applications, from reliability testing such as burn-in and screening to underfill, adhesive curing, and drying processes. It solves the problem of "being able to perform evaluations but lacking sufficient processing capacity."

■ Standard specifications

Number of zones	5 heating zones	Flux recovery mechanism	Option
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 13kVA 38A
Board effective width	50~310mm	Stable power consumption	Approximately 4kW/h
Conveying method	Pin chain or Mesh	Device dimensions (*2)	L1,290(1,590) × D1,000 × H1,330mm
Conveying speed	0.1~0.5m/min	Equipment weight	450kg
Part effective height	Top surface 15mm / Bottom surface 15mm	*1: Input power is used in peak power suppression mode.	
Oxygenconcentration meter	Cannot be installed	*2: Device dimensions () are for mesh conveying.	

■ Option

① Overheating Prevention Device	⑨ Various conveyors (conveyor, cooling conveyor, loader, unloader)
② Board drop sensor	
③ Simple maintenance type flux recovery mechanism	
④ UPS (Uninterruptible Power Supply)	
⑤ Entrance/exit conveyor extension	
⑥ Circulation fan stop detection	
⑦ Hood interlock	
⑧ Reflow checker (profile measurement unit)	

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

■ Contact information

Antom Co., Ltd.

893-1 Kawamukai-cho, Tsuzuki-ku, Yokohama City, Kanagawa Prefecture 224-0044

TEL: +81-45-476-3461 (Weekdays 8:30 AM - 5:30 PM) WEB : <https://antom.co.jp/en>

QR code for website



*The copyright for the contents of this catalog belongs to Antom Co., Ltd. Unauthorized reproduction, copying, or modification is prohibited.

*The specifications and appearance of the product may change without notice due to product improvements.