



### Small reflow oven for use in an atmospheric environment

# UNI-5020

The UNI-5020 is a compact reflow oven (atmospheric model) with a total length of 1.3m, making it suitable for various installation locations. Its 5-zone heating structure enables profile reproduction equivalent to that of mass production lines, making it ideal for reliability evaluation and testing applications such as burn-in and screening. Furthermore, it supports underfill, adhesive curing, and drying processes for various materials. Designed specifically for atmospheric operation, this compact conveyor oven achieves both reduced running costs and simplified equipment.

## 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 11kVA 32A
Board effective width	50~200mm	Stable power consumption	Approximately 3kW/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	400kg
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

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