

XPC

EXELSIUS

CONVECTION CURING OVENS



**A SOLUTION DESIGNED FOR THE CURING
OF THE MOST DEMANDING APPLICATIONS:**

UNDERFILL, GLOB TOP, SMA, DAM & FILL, POTTING, TIM...

**THERMAL CONTROL
FOR CONSISTENT
AND RELIABLE
CURING**

**SAFE FOR THE
MOST SENSITIVE
COMPONENTS**

**HIGH FLEXIBILITY
AND PROCESS
ADAPTABILITY**



XPC TECHNOLOGY

The XPC curing oven combines forced convection technology with reflow-level precision to ensure consistent and even heat distribution. Designed for demanding applications like underfill, glob top, SMA, dam & fill, potting, and TIM, it delivers deep, reliable curing while minimizing defects and scrap rates. Engineered for flexibility, the XPC adapts to your specific process needs, helping you optimize throughput and maintain high, consistent production quality, whatever your process requirements.



PRECISE TEMPERATURE CONTROL FOR OPTIMAL CURING

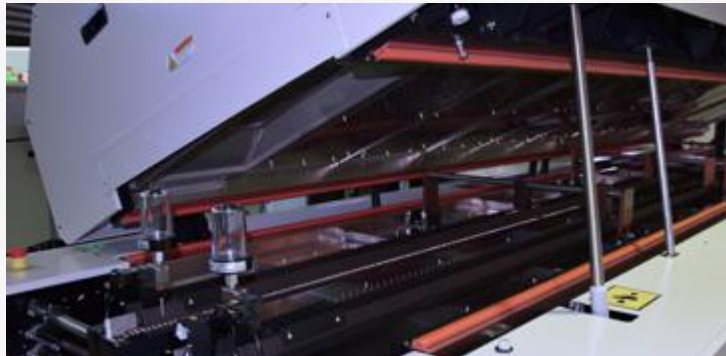
Thanks to its forced convection heating system, which can be selectively applied to the top, bottom, or both, the XPC oven range ensures precise control of the thermal profile.

COMPONENT INTEGRITY MAINTAINED EVEN AT HIGH PROCESS TEMPERATURES

The XPC ovens' modular zone configuration allows precise control over the heat-up rate, eliminating the risk of thermal shock, regardless of the required dwell temperatures. This essential feature ensures the longevity of your assemblies.

MODULARITY FOR A CUSTOMIZED PROCESS TAILORED TO APPLICATION REQUIREMENTS

Underfill, glob top, potting, TIM...
The XPC oven adapts to your process with a custom-designed configuration, featuring an adjustable number of heating and cooling zones and up to four conveyor lanes. Its flexibility ensures high-quality curing, perfectly aligned with your production requirements.



TECHNICAL DATA



XPC

Dimensions (LxWxH) excluding light column	From 3000 x From 1400 x 1500 mm
Power supply	400 V AC - 50/60 Hz - 3 Phase + N + T
Installed capacity	From 30 kW
Weight	From 1200 kg
HEATING SYSTEM	
Heating Length	From 1950 mm
Heating zones (top/bottom)	According to process requirements
Stabilization time	20 to 30 min
Maximum temperature	350°C
Precision (On a 200 mm wide board)	+/- 0,5° C
COOLING SYSTEM	
Cooling zones (top/bottom)	According to process requirements
CONVOYORS	
Chain conveyor	Standard
Standard conveyor width	From 50 mm
Speed	According to process requirements

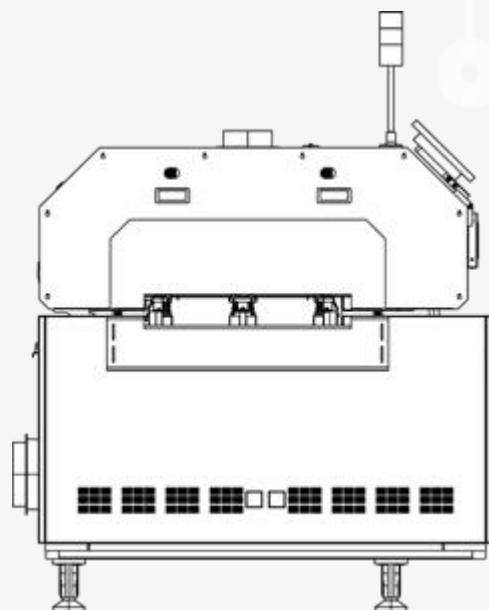
These specifications are not binding



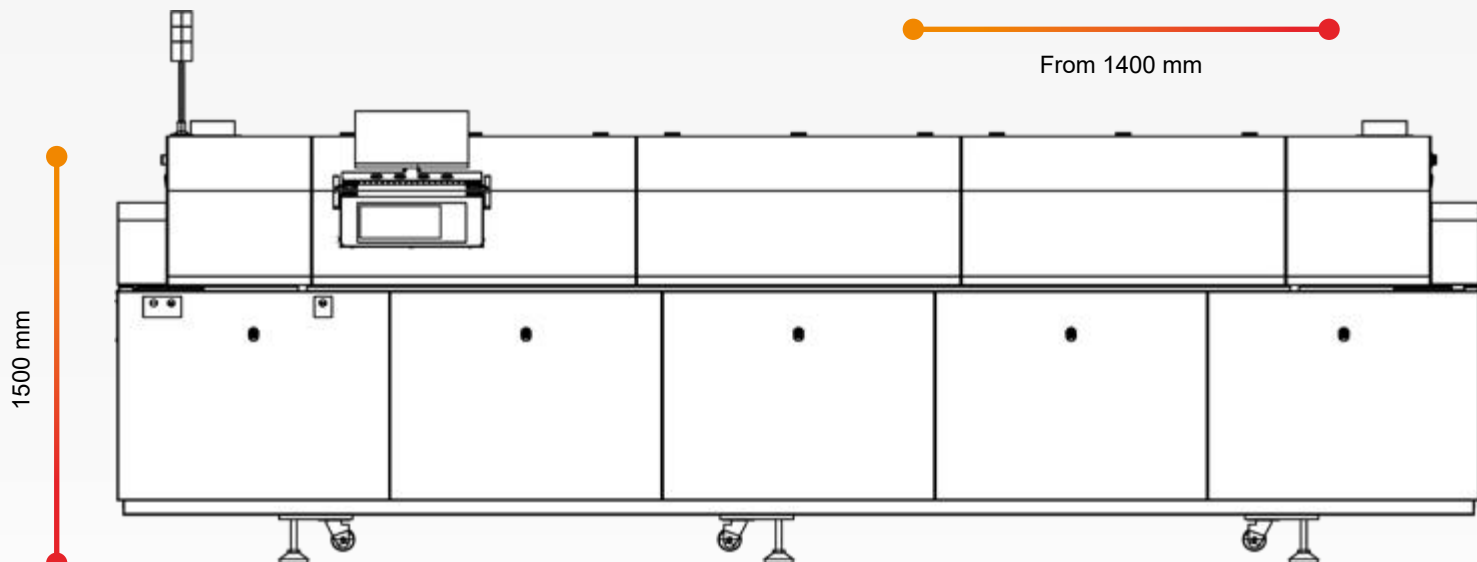
OPTIONS

- Adjustable PCB width
- Adjustable clearance height
- Dual, triple, or quadruple-lane conveyor
- Chain and/or belt conveyor
- Nitrogen option
- CFX standard

Some options are not compatible with each other.



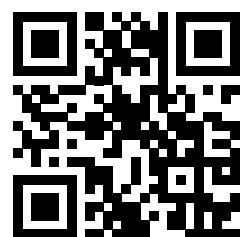
From 1400 mm



1500 mm

From 3000 mm

For more information about this equipment, scan the QR code and contact our sales team.



EXELSIUS

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