

# UV-9<sup>LED</sup>

EXELSIUS

## UV LED CURING OVEN



AN EXELSIUS UV-LED SOLUTION  
FOR CONTROLLING YOUR OPERATING COSTS

MULTIPLE UV LED  
MODULE OPTIONS  
FOR FAST AND  
UNIFORM CURING OF  
COATINGS

PATENTED  
CONTROL LOOP  
ENSURING PROCESS  
STABILITY

PROVEN  
INDUSTRIAL  
SOLUTION

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## UV-9 LED TECHNOLOGY

The UV-9 LED curing oven is designed to meet the needs of manufacturers seeking performance and reliability. This proven UV LED curing solution ensures fast and uniform curing of conformal coatings applied to PCBAs.

The UV-9 LED oven adapts seamlessly to your production requirements, whether diversifying applications or scaling up volumes. Its compact design, with a minimal footprint, allows easy integration into your PCBA production lines while enhancing overall process efficiency.

The use of UV LED technology provides high reliability and simplified maintenance, enabling you to maximize productivity while controlling operating costs.



### **HIGH FLEXIBILITY TO MEET YOUR UV LED CURING PROCESSES**

The UV-9 LED oven features an interchangeable UV LED module system, designed to precisely adapt to your production needs.

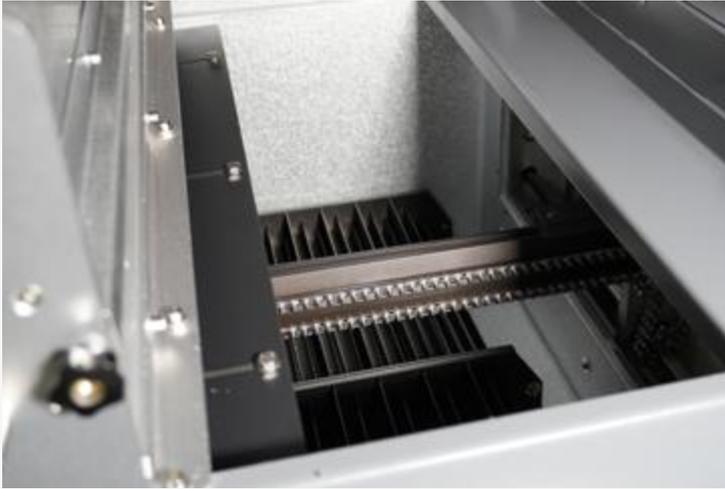
This flexibility optimizes the curing of coatings on your PCBAs while addressing the specific requirements of each application.

### **DETAILED TRACEABILITY OF CURING PARAMETERS**

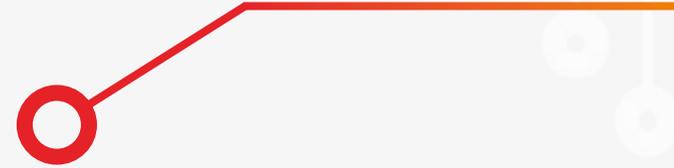
Thanks to a patented control loop developed by EXELSIUS, the UV-9 LED oven ensures continuous monitoring of the UV exposure process for your products. Combined with an identification system, it also enables detailed traceability of your products and the various curing parameters.

### **DESIGN FOCUSED ON OPERATING COST CONTROL**

With over 25 years of expertise in the UV curing industry, we designed the UV-9 LED oven to help you achieve optimal control over your operating costs. Its compact design, reduced energy consumption, and simplified maintenance make it an efficient and reliable solution tailored to your performance needs.



## TECHNICAL DATA



### UV-9 LED STANDARD

Dimensions (LxWxH) excluding light column	800 x 1190 x 1570 mm
Power supply	230 V AC - 50/60 Hz - Single Phase
Installed capacity	2 kW
Weight	350 kg
Extraction diameter	125 mm
Extraction rate	150 m <sup>3</sup> /h (to be confirmed based on the application)
<b>CONVEYORS</b>	
Standard conveyor type	5 mm top chain
Clearance height (Top/Bottom)	+/- 100 mm
Width (automatic setting)	50 to 450 mm
Speed	600 to 3500 mm/min
Conveying height	950 +/- 50 mm
Maximum load	4 kg/product

*These specifications are not binding*

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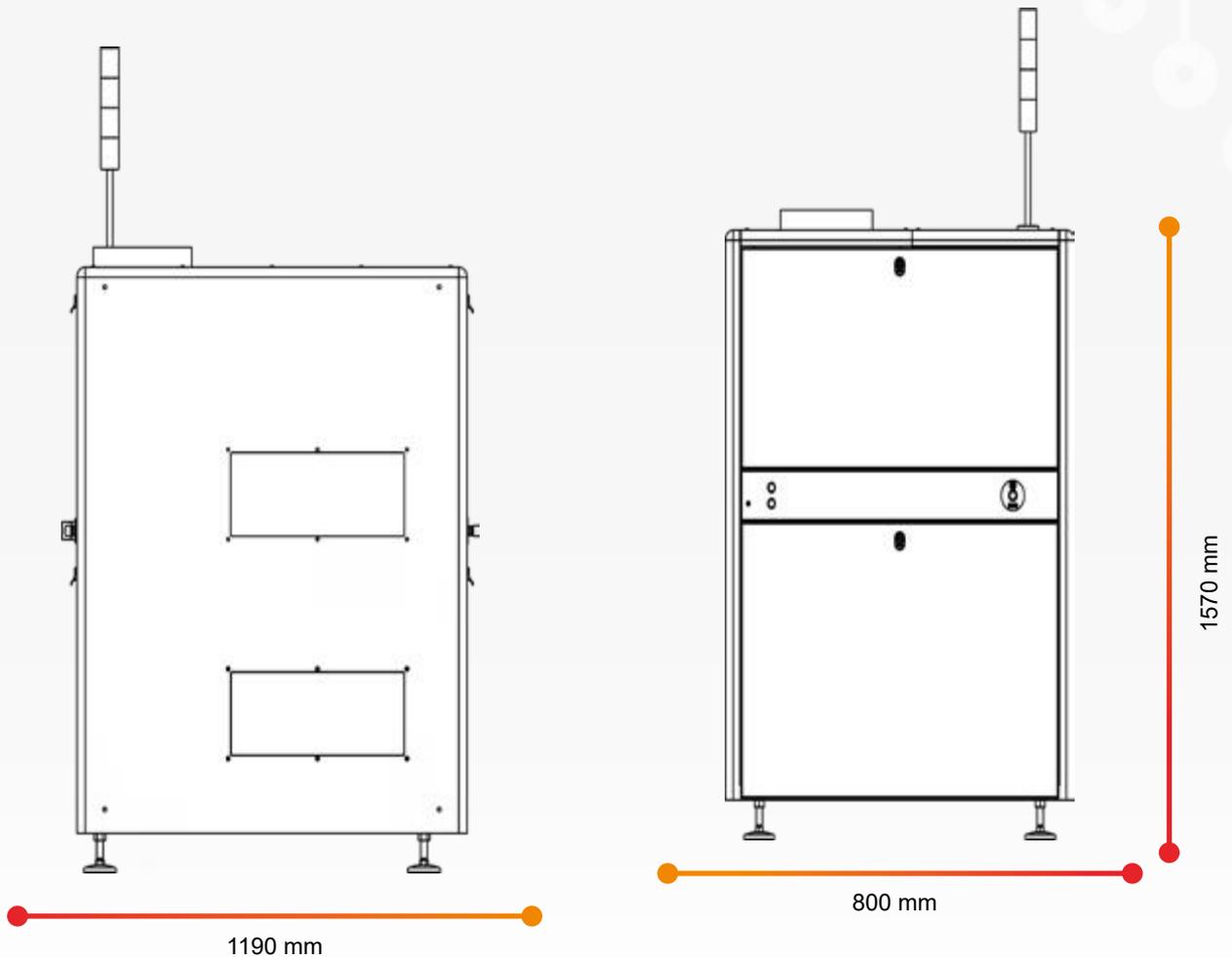


## OPTIONS

- LED modules with various wavelengths:  
365 | 395 | 405 nm
- Board drop detection
- Board counter
- Jam detection (Input/Output)
- Right-to-left board flow direction
- Heavy-Duty conveyor (8kg/product), max width 450 mm
- Dual lane conveyor (same or opposite flow directions)

- MES compatibility for traceability
- Touchscreen user interface on the oven
- CFX standard

**Some options are not compatible with each other.**



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



### EXELSIUS

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