

UV-9^{LED} MULTIWAVE



**UV-A AND
UV-C LED
CURING
OVEN**

THE FOUNDATION OF LED UV “SPECTRUM” CONTROL

**INDEPENDENT
MULTI WAVELENGTH
CONTROL FOR
MAXIMUM PROCESS
FLEXIBILITY**

**CLOSED LOOP
CONTROL FOR
STABLE AND
TRACEABLE UV
PERFORMANCE**

**LED TECHNOLOGY
FOR DURABLE AND
HIGH PERFORMANCE
CURING**

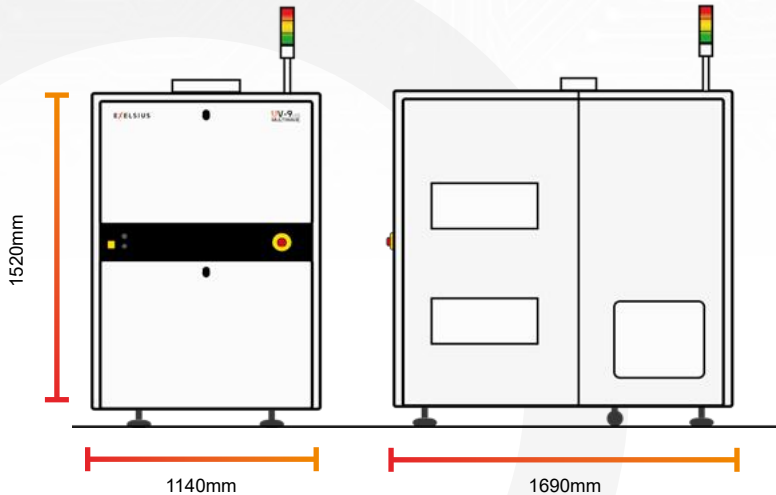
UV-9^{LED} MULTIWAVE

**CONTROL THE SPECTRUM.
SECURE YOUR UV PROCESS.**

**INNOVATIVE LED UV MANAGEMENT
ENABLING INDEPENDENT MULTI
WAVELENGTH CONTROL**

**LED UV-A AND
LED UV-C
WAVELENGTH**

COMPATIBLE
**IPC
CFX**



Designed for high demand electronics manufacturing environments, **the UV-9 LED Multiwave** represents **the state of the art UV LED technology**, combining power, spectral flexibility and secure process control.



**CLOSED LOOP
CONTROL
POWERED BY
PRECISION
MEASUREMENT**

EXELSIUS patented closed loop control is fully integrated into the system. **When paired with the XUV Meter measurement platform**, it ensures repeatability and reliability of your UV LED process.

**MASTER THREE INDEPENDENTLY CONTROLLED
UV WAVELENGTHS WITHIN A SINGLE MERCURY
FREE ARCHITECTURE.**

By combining high intensity LED UV-A with LED UV-C in one module, it enables precise activation of photo initiators, optimized surface and depth crosslinking, extending compatibility with the most demanding industrial formulations.

TECHNICAL DATA

Dimensions (LxWxH) excluding signal tower	1140 x 1690 x 1570 mm
Power supply	3 phases 400/480 VAC + Earth
Installed power	13kW
UV output intensity	- UV-A 365 nm: up to 6,500 mW/cm² - UV-A 395 nm: up to 7,500 mW/cm² - UV-C 275 nm: up to 320 mW/cm²
Weight	750 kg
Extraction diameter	125 mm
Extraction rate	up to 150 m3/h

These specifications are not binding

CONVEYORS

Standard conveyor type	5 mm pin chain
Clearance height	+/- 100 mm
Width (automatic setting)	• 50 to 450 mm
Speed	• 600 to 3500 mm/min • 10 to 60 mm/s
Conveying height	between 940 and 965 mm
Maximum load	• 4kg/product • 8kg/product (Heavy duty option)

**FOR MORE INFORMATION SCAN THE QR CODE
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EXELSIUS

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