

**A complete range of
UV ovens especially
developed for
LED UV curing**

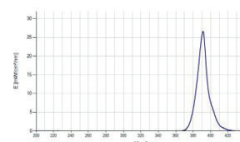


KEY FEATURES AND BENEFITS

- A proven in-line curing solution
- TOP configuration with multiple UV sources available to fit your application
- LED source 12W/cm² with 250mm irradiation width, by default
- Adjustable irradiance (mW/cm²) and dose (mJ/cm²)
- Patented UV regulation
- User friendly
- Integrated user interface on coating or dispensing equipment
- Low maintenance
- Optimized complete cost of ownership

**The integrated design of our LED
air technology enables curing of
the latest LED UV coatings.**

The power adjustment combined with the height adjustment of the LED module offer a wide process window for various applications.



LED UV spectrum



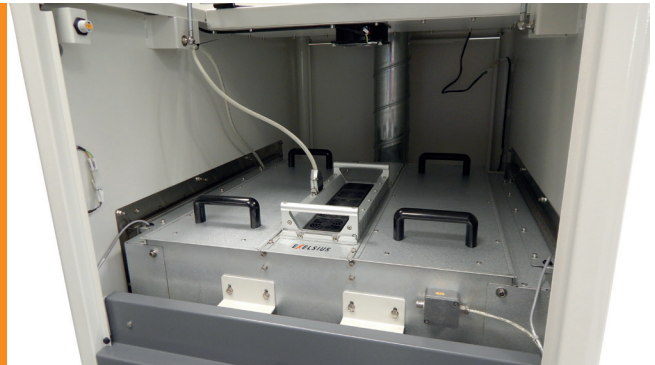
SPECIFICATIONS

CONVEYOR

- Type : chain with 5 mm pins
- Clearance : +/- 100 mm
- Length : 800 mm
- Width : 50 to 420 mm
- Software controlled width adjustment
- Speed : 500 to 2850 mm/s
- Conveying height : 950 +/- 50 mm
- Maximum load : 3 Kg/m

OTHER STANDARD FEATURES & FACILITIES

- Dimensions (L x W x H) : 800 x 1200 x 1526 mm
2086 mm including light tower
- Approx weight : 350 kg
- Close loop regulation on UV-A
- Doors and safety switch
- Exhaust control
- SMEMA
- CE standards
- Voltage : 230 V AC – 50/60 Hz – single phase
- Power rating : 2 kW
- Exhaust flow : 150 m³/h to be confirmed with application
- Exhaust diameter : 125 mm



OPTIONS

- Extension of irradiation width up to 450 mm
- Traffic control (board drop detection)
- Board counter
- Board jam detection (inlet and outlet)
- Inlet and/or outlet shutters
- Automatic width adjustment
- Follow me width adjustment
- Right to left conveyor
- Heavy duty conveyor (8Kg/m) – max width 400 mm
- MES compatible for full traceability
- Entrance conveyor covered extension (+ 300 mm)
- Exit conveyor covered extension (+ 300 mm)
- Touch screen for UV oven monitoring
- Dual lane conveyor (same or opposite direction)

Some combinations are not compatible. For any further question, please contact EXELSIUS.

These specifications are not contractual