

INLINE UV LED CURING OVENS CFUV LED SERIES

RELIABLE, ACCURATE AND EASY MAINTENANCE SOLUTIONS

UV CURING STATIONS FOR CONFORMAL COATINGS AND ADHESIVES



CFUV4LED MODEL

HIGH-EFFICIENCY UV CURING OVENS DESIGNED FOR ALL TYPES OF UV ADHESIVES, UV CONFORMAL COATINGS, EPOXIES, UV POLYURETHANES, AND RELATED MATERIALS. EQUIPPED WITH **HIGH-POWER UV LED LAMPS (COLD LIGHT TECHNOLOGY)**, WITH MULTIPLE LONG-WAVELENGTH OPTIONS AVAILABLE.

THE **CFUVLED4** MODEL OFFERS A **CURING WIDTH OF UP TO 400 MM**, ENABLING COVERAGE OF A WIDE RANGE OF SUBSTRATE SIZES, SURFACES, AND GEOMETRIES.

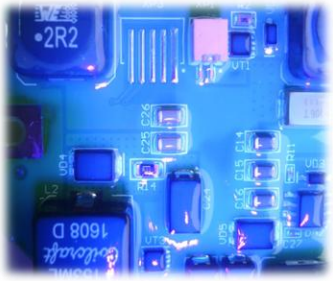
THE **DISTANCE BETWEEN THE LAMPS AND THE SUBSTRATE IS ADJUSTABLE** (MANUAL ADJUSTMENT STANDARD, AUTOMATIC ADJUSTMENT OPTIONAL), ALLOWING MAXIMUM ENERGY ABSORPTION AND OPTIMAL CURING PERFORMANCE.

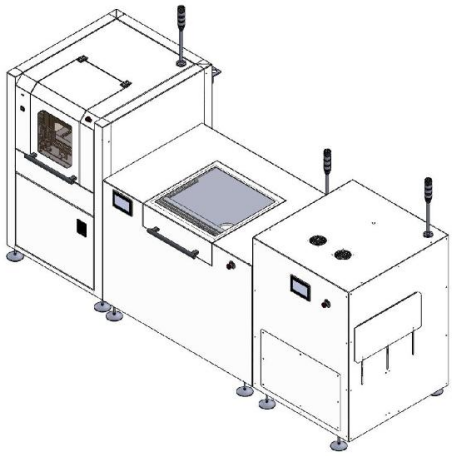
ADDITIONAL FEATURES INCLUDE:

- **AUTOMATIC ENTRY AND EXIT DOORS** TO PREVENT EXTERNAL LIGHT EXPOSURE AND OPERATOR INTERACTION
- **AUTOMATIC LED ON/OFF SYSTEM** ACTIVATED ONLY WHEN THE PCB IS INSIDE THE CURING CHAMBER
- **TOP AND BOTTOM UV EMITTERS AVAILABLE**

AVAILABLE LED EMISSION WAVELENGTHS:
•365 NM
•385 NM
•395 NM
•405 NM

- MAXIMUM OUTPUT POWER OF **UP TO 16 W/CM² PEAK IRRADIANCE PER LED STRIP**





COATER CF395IL + FLUSH-OFF CFF15 + CFUV4LED CURING OVEN

CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.





UV OVENS CFUV LED SERIES ESPECIFICATIONS

RELIABLE, ACCURATE AND EASY MAINTENANCE SOLUTIONS

GENERAL SPECIFICATIONS INCLUDED

STATION'S LENGTH
- CFUV3/4LED: 980 MM

CURING WIDTH
- CFUV3-2LED: 300 MM 2 LAMP STRIPS
- CFUV3-3LED: 300 MM 3 LAMP STRIPS
- CFUV4-2LED: 400 MM 2 LAMP STRIPS
- CFUV4-3LED: 400 MM 2 LAMP STRIPS

UV LED PANEL STRIPS
- UV LED LAMPS STRIPS NUMBER 2 AS STANDARD. 3 LAMPS STRIPS OPTIONAL

UV LED PANEL
- CFUVLED LAMPS TOP WAVELENGTH AVAILABLE 365, 395, 395 AND 405 nm.
- MANUALLY ADJUSTABLE LED LAMP HEIGHT (AUTOMATIC OPTIONAL)

CONVEYOR
- CHAIN CONVEYOR SPEED ADJUSTABLE FROM 0.02 TO 2 M/MIN (OTHER RANGES AVALAIBLE).
- AUTOMATIC CONVEYOR WIDTH ADJUSTMENT BY SOFT 50-500 MM (INCLUDED)
- CHAIN PINS **BOARD CLEARANCE:** 5 MM. OTHER CLEARANCES AVALAIBLE.
- COMPONENT CLEARANCE UP TO 80 MM (BELOW AND ABOVE)
- SMEMA COMMUNICATION FROM UPPER AND LOWER MACHINES

WORKING MODES
- CONTINUOUS SMEMA (ADJUSTABLE SPEED FROM 0.02 A 2.0 M/MIN)
- PASS-THROUGH SMEMA

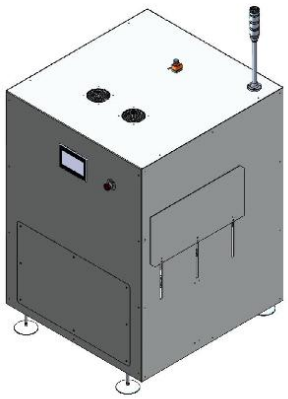
CONTROL
- TOUCH SCREEN HMI
- SPEED CONTROL
- TURN ON AND OFF LEDS
- LED POWER CONTROL

SOFTWARE
- DRYcontrol UV @ INCLUDED

POWER SUPLLY
- 110/220V. 20 A MAX. 50-60

SECURITY
- EMERGENCY BUTTON
- SECURITY INTERLOCKS IN REAR DOOF

CERTIFICATION
- CE & SMEMA



OPTIONAL EQUIPMENT

- AUTOMATIC LED PANEL HEIGHT CONTROL BY SOFT
- AUTOMATIC CONVEYOR LUBRICATION SYSTEM "**AUTOLUBE**"
- AUTOMATIC TRAFFIC BOARDS CONTROL

- CONVEYOR: "LEFT TO RIGHT" OR "RIGHT TO LEFT"
- SOFTWARE AVAILABLE IN LOCAL LANGUAGES

- CONFORMAL COATING/DISPENSING IN LINE CF395IL

- FLUSH OFF / INSPECTION STATIONS



CF395IL + CFUV4LED

CoatFlow

AN INNOMELT BRAND

