


# CFS15 BENCHTOP IR CURING OVEN




OFF LINE IR CURING OVEN CFS15

## RELIABLE, ACCURATE AND EASY MAINTENANCE SOLUTIONS

## IR CURING STATIONS FOR CONFORMAL COATINGS AND ADHESIVES

HIGH-PERFORMANCE CURING OVENS DESIGNED FOR **CONFORMAL COATING AND ADHESIVE APPLICATIONS**, INCLUDING **SILICONES, URETHANES, EPOXIES, XYLENE-BASED COATINGS**, AND OTHER ORGANIC MATERIALS.

### IR CURING TECHNOLOGY

THE OVENS ARE EQUIPPED WITH **CERAMIC IR PANELS** PROVIDING:
- HIGH HEATING RAMP RATES
- HIGH POWER DENSITY PER SURFACE UNIT
- UNIFORM AND REPEATABLE THERMAL PERFORMANCE

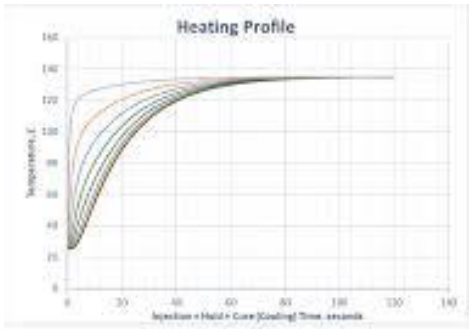
SPECIALLY DESIGNED **IR PANELS** OPERATE AT WAVELENGTHS OPTIMIZED FOR ORGANIC MATERIALS, ENABLING FASTER CURING CYCLES AND IMPROVED ENERGY EFFICIENCY.

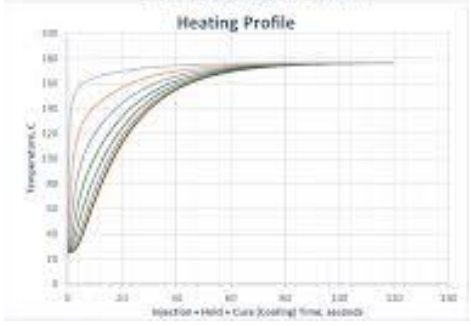
### PROCESS CONTROL & PROGRAMMABILITY

- **TOUCH SCREEN HMI** FOR SYSTEM CONFIGURATION AND MONITORING
- SHORT, MEDIUM AND LONG LENGHTWAVE CERAMIC PANELS AVAILABLE.
- **MULTIPLE INDEPENDENT HEATING ZONES** (NUMBER OF ZONES DEPENDS PER MODEL)
- INDEPENDENT **PID TEMPERATURE CONTROL PER ZONE** VIA SSR RELAYS FOR PRECISE THERMAL MANAGEMENT
- PROFILES WITH UP TO 5 CURING ZONES PROGRAMMABLE BY USER: TIME AND TEMPERATURE

### MECHANICAL DESIGN

- MOTORIZED HOOD OPENING FOR SIMPLIFIED ACCESS AND MAINTENANCE
- ROBUST CONSTRUCTION DESIGNED FOR CONTINUOUS INDUSTRIAL OPERATION













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## GENERAL SPECIFICATIONS INCLUDED

**STATION LENGTH**
- CFS15 IR: CURING AREA 450X450 MM

**NUMBER OF ZONES**
- CFS15 IR 5 ZONES PROFILE (TOP OR TOP AND BOTTOM)

**CONVEYOR**
- NO.
- INCLUIDED ADJUSTABLE FIXTURE OR TRAY RACK

**WORKING MODES**
- CONTINUOUS WITH UP TO 5 CONTROL ZONES (*TEMPERATURE AND TIME)

**CONTROL**
- TOUCH SCREEN HMI
- ZONES TEMP CONTROL AND CURING TIME

**SOFTWARE**
- DRYcontrol IR @ INCLUDED

**SECURITY**
- EMERGENCY BUTTON
- SECURITY INTERLOCKS IN COVER
- OVER HEATING TEMP ALARM
- TEMP CONTROL BY REDUNDANT SYSTEM (PID, CONTROLLER)
- EXHAUST PUMP (OPTIONAL)

**POWER SUPPLY**
- 110/220V 1 PHASE. TOTAL POWER DEPENDS OF IR PANEL MODEL AND CONFIG

**CERTIFICATION**
- CE

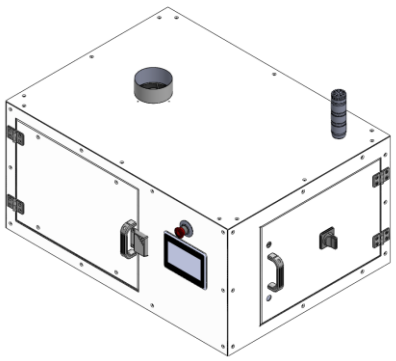
## OPTIONAL EQUIPMENT

- SOFTWARE AVAILABLE IN LOCAL LANGUAGES
- CUSTOM BENCH

- CONFORMAL COATING/DISPENSING INLINE CF395IL

- FLUSH-OFF AND INSPECTION STATION

- * TEMPERATURE RAMPS MUST BE GRADUAL AND NOT HAVE ABRUPT DIFFERENCES



CoatFlow

AN INNOMELT BRAND

