



IntelliCure IR1

Infrared Boost

and Cure Ovens

The power of infrared at your fingertips

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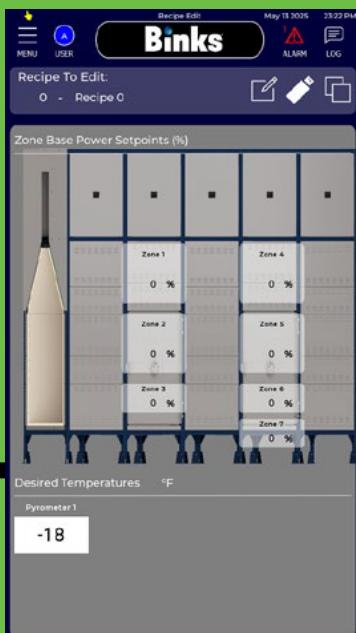


IntelliCure IR1 Configurable Ovens

Binks innovation for enhanced versatility and efficiency

Meet the IntelliCure IR1, Binks newest overhead infrared boost and cure ovens designed with a configurable modular build that enables optimized delivery lead times. This innovative, modular approach ensures each system is custom-tailored to your specific application and process, providing a perfect fit for your needs.

Versatile in application, the IR1 can be configured as a standalone curing oven or can be utilized as a booster or drying oven, positioned either adjacent to or inside conventional convection ovens. Compatible with all coating types, both liquid and powder, the IR1 is an infrared solution engineered for a wide range of industries.



Built on Binks' Cutting-Edge IntelliCure Platform

Infrared solutions engineered for a wide range of industries

The IntelliCure IR1 is built on Binks' cutting-edge IntelliCure platform, featuring a feature-rich 15-inch, full-color touchscreen user interface for app-like navigation and intuitive controls. The IR1 offers full remote operation and diagnostic capabilities, allowing users to manage, monitor and troubleshoot the oven with ease from anywhere around the globe.

Features:



Designed For Versatility, Simplicity And Serviceability

- Fully modular product system, with configurable options to accommodate a wide range of applications and part profiles
- Single, centrally located control panel includes 15" touchscreen user interface for control of the entire system
- Fully remote operation and diagnostics capabilities
- Heater modules standard with supply air and hinged lamp access for ease of access and serviceability
- Dedicated part recipes allow for customized independent heater zone selection, temperature and lamp intensity, all stored within the controller software

Benefits:



Built to Maximize Energy Efficiency and Boost Productivity

- **Efficiency**

Infrared heating delivers a higher percentage of total energy, transferred directly to the part, across a smaller footprint

- **Focus**

Energy is targeted and absorbed primarily by the coating rather than the substrate

- **Control**

Focused heating across user-defined zones provides increased control and ensure parts are efficiently cured

- **Feedback**

Zoned heating adjusted instantly and may be used in conjunction with pyrometer feedback

- **Speed**

No need to wait for convection air heating - IR lamps reach temperature instantly, quickly bringing materials to the desired temperature setpoint, and allowing for rapid cooling, reducing cycle times and limiting prolonged exposure to elevated temperatures

- **Savings**

Efficiency and speed of IR heating enables instant savings with lower total energy requirements and consumption, improved throughput, and reduced part rework. Lamps can be turned off and used only when part detection is activated



Configurations Highlights:

Binks Quality and Innovation

All IntelliCure IR1 builds are composed of Binks quality standardized components for ease of part identification, serviceability and replacement.

- 3800W/570V, 3650W/480V, 3800W/415V lamp options accommodate a wide range of input voltages and applications
- Eight lamp center spacing options deliver precision watt density to meet a broad spectrum of energy requirements
- Angled top/bottom heaters available on select configurations
- Oven builds configurable with optional entry/exit vestibules and hold zones
- Optional additional product detect sensors and closed-loop temperature control add greater precision to your curing process
- Four standard exhaust blower sizes accommodate exhaust requirements across all builds
- Photo eye or proximity sensor motion detection standard on all IR1 configurations



Experience the difference.

Binks is a leading global manufacturer of products and systems for the supply, application and curing of sprayed and dispensed materials. Binks serves a variety of industries, including automotive, pharmaceuticals, food and beverage, and manufacturing. With decades of experience, Binks continues to set the standard for precision, reliability, and innovation in fluid technology solutions.

Binks

