

## Light-shielding UV Curing Chamber

The Rayven is a sophisticated UV curing station designed to complement the IntelliRay, SunRay, and SkyRay curing systems. This fully enclosed chamber excels in providing 360° light shielding, offering optimal UV protection during the curing process. Equipped with a door-mounted lamp-on indicator, the Rayven ensures safe operation, while its adjustable-height curing tray accommodates five distinct curing distances, enhancing its versatility. This user-friendly device requires no tools for setup. Simply place your IntelliRay, SunRay, or SkyRay on top of the oven, and you're ready to start the curing process. If your needs are more extensive, consider the Rayven Quad for a larger version of this system.



## Features



### 360° UV Protection

The Rayven is engineered with a fully enclosed chamber that offers comprehensive 360° light shielding. This feature ensures maximum UV protection during the curing process, safeguarding both the user and the workspace from harmful UV exposure. This technology is essential for maintaining a safe and controlled curing environment.

### Ease of Operation

The Rayven comes with a door-mounted lamp-on indicator and an adjustable-height curing tray, which supports five repeatable curing distances. This design not only enhances user safety but also simplifies the curing process. The tool-free setup means that the IntelliRay, SunRay, or SkyRay can be easily placed on top of the oven and used immediately, making it highly user-friendly.

### Door Interlock System

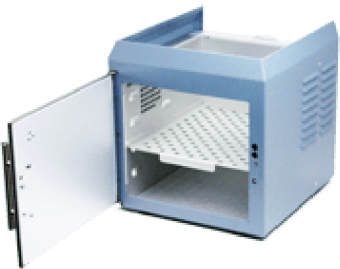
Safety is a paramount concern with the Rayven. It includes a door interlock that interacts intelligently with the IntelliRay and SkyRay systems. For IntelliRay, it automatically closes the unit's shutter when the door is opened, and for SkyRay, it turns off the LEDs, thereby preventing accidental exposure to UV light. This feature is crucial for ensuring user safety and preventing mishaps.

### External Control Interface

The Rayven boasts dual rear panel D-sub connectors that facilitate the pass-through of control signals from the IntelliRay, SunRay, and SkyRay systems. This feature allows for seamless integration with PCs, PLCs, shutter control foot pedals, and external interlocks, offering a high degree of flexibility and control in various operational settings.

### Cooling System

The Rayven features forced air cooling with louvers, effectively channeling heat away from the lamp head. This efficient cooling mechanism ensures the longevity of the device and consistent performance during extended use.



## Specifications

- **System Type:** Rayven Curing Oven
- **Part #s:** UV1080
- **Cooling:** Forced air w/ louvers channeled from lamp head
- **Interconnect Cable:** Dual 15 position DSUB: Male/Female 1.25ft

## Dimensions (H x W x D)

- **Inside:** 9" x 9" x 10.4" w/adjustable shelf
- **Outside:** 11.8" x 11.6" x 12.1" (D = 13.3" w/door handle)
- **Shelf:** 0.9" x 8.8" x 9.6" (includes top & bottom edge flanges)
- **Weight:** 9.15lbs (without lamp head)

## Inteillray/SunRay Cure Distances

- **Shelf Positions:** 1.75", 3.5", 5.25", 7.0" (Bottom of lamp to shelf)
- **Distance to floor:** 9" (Bottom of lamp to floor)

## SkyRay Cure Distances

- **Shelf Positions:** 0.75", 2.5", 4.25" (Bottom of lamp to shelf)
- **Distance to floor:** 6.25" (Bottom of lamp to floor)