



The INTELLIRAY QUAD is a large area microprocessor controlled UV flood curing system. All system components are integrated into the lamp head which can be easily mounted anywhere on a factory floor, with virtually no cabling or remote power supply boxes required. Just mount the head, connect the AC line cord, and start timed exposure curing! The system incorporates a retractable shutter shade that allows for repeatable exposure timing, and shields the user from UV light. The system's LCD display and digital keypad make programming and monitoring curing operations a *snap*. The 4 long-life 600W metal-halide arc lamps and parabolic reflectors illuminate a 16 x 12 inch curing area with evenly distributed UV light. The wide range 200-240VAC input voltage range allows the IntelliRay Quad to be used worldwide.

SYSTEM FEATURES

+ System Timers

The system features a 9999 second timer that controls the exposure shutter. The time can also be controlled manually, or in an hours mode for long exposures.

+ Lamp Intensity Control

The system has a user adjustable intensity level. This feature provides the flexibility of choosing appropriate curing intensity for sensitive materials. The unit also automatically reduces lamp power when the shutter is closed to reduce heating and power consumption.

+ Status Indicators

Four front panel LEDs are provided: Lamp ready, system in standby mode, shutter open, and system alarm.

+ Signal Interface Connector

The system can be remotely monitored and controlled by PLC or machine controller logic signals, or via RS232/RS485 serial port. An available PC interface program allows all system functions to be controlled. An optional shutter control foot pedal is also available for applications requiring hands-free operation.

+ Lamp Power Regulation

The system's switch mode power supplies maintain constant lamp power regardless of variations in AC line input or lamp voltages. The result is repeatable curing times throughout the life of the lamp.

+ Forced Air Cooling

Variable speed cooling fans with removable filters direct air to critical system components, ensuring cool operation and high system reliability.

+ Optional Lamp Spectrums

The IntelliRay Quad is available with UVA, UVB & visible spectrum lamps, ensuring compatibility with all light curable adhesives and coatings.



IntelliRay Quad mounted on optional Rayven Quad oven