



# Conventional Mercury UV

## Curing System



### Electric Shutter Control

High torque and soft action, low sound will be more stability work



### Mirror Aluminum Reflector

Effective light reflection up to 98%



### Air Duct Design of Cooling

Excellent heat dissipation improves the efficiency of curing



### Flat Quartz Glass

To ensure the UV light is evenly distributed across the material

### Specification

Irradiance At Window

160 ~ 220w/cm

Lighting Length

20 - 200cm

Optimum Curing Distance

10 ~20mm

Cooling Method

Air Cooling

Expected Lifetime

>1000 Hours



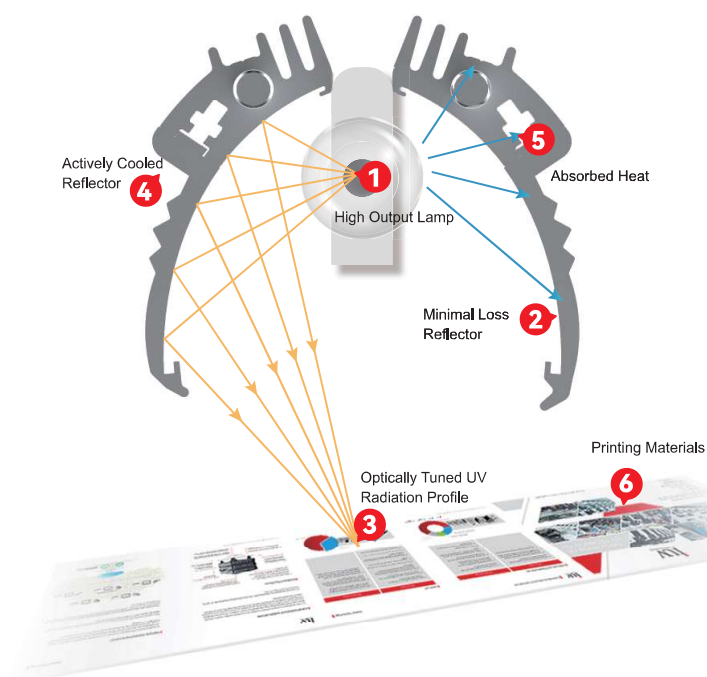
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## About Mercury UV

Whether for printing, coating, adhesive bonding, or any other application, IUV's mercury lamp curing systems provide outstanding curing performance across a wide variety of substrates and materials.



### Quartz Glass Protection

IUV's mercury UV built with durable structures and reliable components. They deliver long-lasting performance and ensure consistent, dependable operation over time.



### Smoothly Controlled Shutter

Equipped with an electrically controlled shutter that operates with high torque, delivering smooth, gentle movement with minimal noise.

In order to keep stable and reliable operation, reducing the frequency of part replacements and enhancing the system's longevity.



### Highly Efficient Reflector

Mirror aluminum reflectors effectively reflect up to 98% of the light source.

Lower replacement costs, offering a more cost-effective solution while maintaining high energy efficiency.



### Optimized Heat Dissipation

Feature an advanced airflow design that effectively expels heat from the lamp housing. To insure optimal operating conditions are maintained for good-balanced curing performance.

### WIDELY RECOGNIZED PERFORMANCE

IUV's mercury lamp UV curing system technology is well-established, having been validated by years of market experience and customer feedback.

### MATURE SUPPLY CHAIN SYSTEM

IUV's curing systems are highly adaptable to a wide range of inks and materials, demands of print goods.

### INTELLIGENT OPERATING SOFTWARE

IUV's software simplifies equipment upgrades, streamlines workflows, offering a user-friendly experience for operators.

### ROBUST CONSTRUCTION

IUV's mercury UV built with durable structures and reliable components. They deliver long-lasting performance and ensure consistent, dependable operation over time.

## Remote Monitoring Function

In order to ensure the stable operation of global IUV customer equipment, timely troubleshooting, remote OTA software upgrades and other future digital management needs. IUV has independently developed a complete remote-local data link management system.

This system allows IUV equipment around the world to connect to the cloud server through network cables, WIFI and other Internet access methods, and can easily realize remote real-time information collection, fault diagnosis, software updates and other functions through PC or mobile phone.

Brinter quickly diagnose and solve system failures to ensure efficient production for customers. And IUV's software the other hand, it also provides real-time data for the digital management of customer print line.

