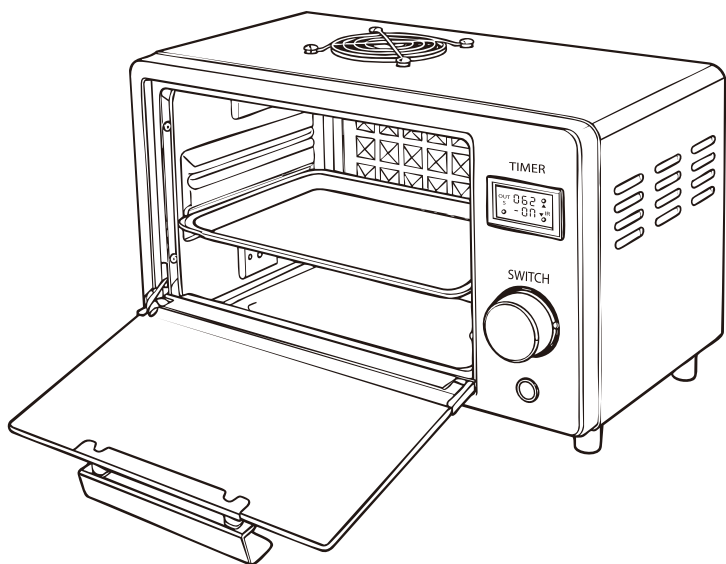


GISTAR

Resin Curing Machine

Please read the manual carefully before use



Please scan the QR code to view
the instruction video or go to:

Warm Reminder:

All items are brand new. Please check the product and parts after delivery. If anything is wrong, reach out to us—we're here to help!

Warm Reminder:

Usage Restrictions: Suitable for children aged 8+ and persons with reduced physical, sensory, or mental capabilities **ONLY** if given proper supervision and safety instructions.

Child Safety: Children must be supervised and should not play with, clean, or maintain the device alone.

Electrical Safety: Operate only at the voltage indicated on the device label. If the power cord is damaged, it must be replaced by a qualified professional to avoid hazards.

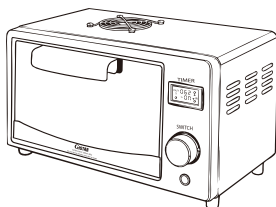
Eye Protection: Do not look directly at the operating UV lamp or shine it into anyone's eyes.

SAFETY INSTRUCTIONS:

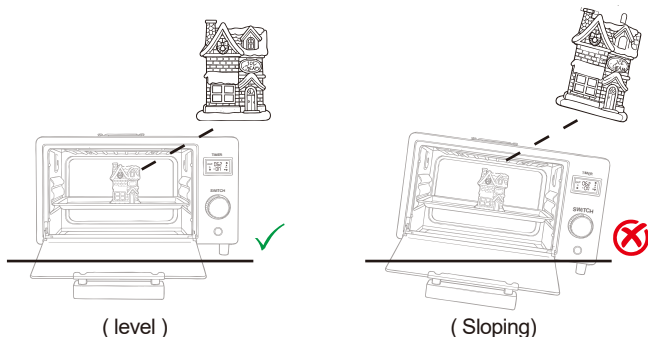


1. "UVA Long-Wave Ultraviolet Light (Safe Range). Avoid prolonged eye and skin exposure. Keep the door closed during operation."

2. This product is a professional curing device and is not intended for use in nail applications.



HOW TO PLACE:



Place the machine on a flat, level surface to prevent the molds from tilting

BUBBLE REMOVAL



Let it rest:

Let the poured resin sit for 20-40 minutes before curing. Most bubbles will rise to the surface and pop naturally.

Heat application

Quickly sweep a heat gun or lighter 5-10cm above the resin surface to pop surface bubbles. Caution: Do not hold in one spot to avoid damaging the mold.

TACKY LAYER REMOVAL

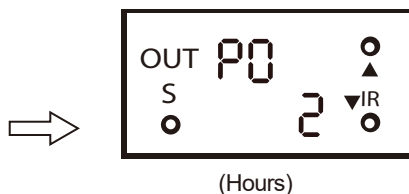
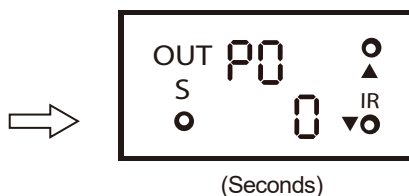
1.Wipe with Alcohol: If the surface is slightly sticky after curing, gently wipe it with a cotton pad soaked in high-concentration rubbing alcohol (95%+) or nail polish remover. It will instantly become dry and smooth.

2.The UV resin might be defective, or the curing time needs to be extended.

USE OF THE TIMER

OUT S ○	Press "OUTS" to start the machine. Long press "OUTS" For 7s To Set Timer mode (Sec/Min/Hr).	POWER SWITCH 	Rotate to start up
-00 00F	Perpetual time. Above is the time, and below are the indications of start and stop.		Clicking the button can adjust the number. Long press for continuous adjustment.

Long press "OUTS" For 7s To Set Timer mode (Sec/Min/Hr).



Press " ▲ " , " ▼ " IR" to adjust the mode. Press "OUTS" to confirm.

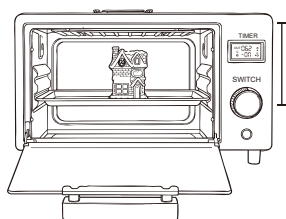
ACTUAL TEST (3.1 × 3.1 × 0.4 INCH)

80W UV-LED Curing Reference Table (Target: 3.1 × 3.1 × 0.4 INCH
Inchs Large-Area Resin Block)

Irradiation Distance (cm)	Relative Curing Efficiency (%)	Efficiency (%) Estimated Center Irradiance (mW/cm ²)	Recommended Curing Time (1cm thickness, single pour)
1.97 IN	~45% - 85%	~50 - 95	Highly NOT Recommended
2.76 - 3.54IN	~15% - 25%	~17 - 28	~6 - 8 mins
3.94 - 5.51IN	~8% - 10%	~10 - 12	~9 - 10 mins

"Please note: The curing times listed above may vary depending on ambient temperature, humidity, and the specific brand of resin used. Please extend the curing time appropriately based on your actual conditions."

RECOMMENDED HEIGHT



Recommended
Distance: 2.8 -
3.9 Inchs

Why do resin pieces turn yellow? How to solve it?

1. Heat: Thick pieces (over 5 mm) can trap heat during curing, causing the resin to yellow.
2. Dyes: Some dyes may react with the resin or heat during curing, leading to yellowing.

SCOPE OF APPLICATION

This product is widely used for curing and processing on various materials

Materials: Glass | Plastic | Metal | Wood | Leather | PCBs | LCDs | UV

Typical Uses:

UV shadowless glue, UV crystal epoxy, UV photosensitive resin, UV solder mask, UV ink screen printing, UV exposure, cyanotype printing, UV varnish curing.

Also used for:

Counterfeit detection, fluorescent inspection, fluorescent testing, stage and bar lighting decoration.

SAFETY & USAGE PRECAUTIONS

This product uses UVA long-wave ultraviolet (safe range), but avoid prolonged exposure to eyes and skin. Wear UV-protective goggles during long-time use.

Do not disassemble or modify the device; this will void the warranty and create safety hazards.

Use in a dry environment (temperature $\leq 42^{\circ}\text{C}$). Avoid enclosed or humid locations to prevent damage.

Do not operate continuously for more than 12 hours. Allow proper rest periods to extend lifespan.

Avoid use in dusty, greasy, or high-vibration environments.

Do not touch the reflector or LED chips directly. If dirty, clean with anhydrous alcohol after powering off.

Do not bend the power cable repeatedly. If the cable is damaged, replace the entire cord.

PRODUCT ADVANTAGES

Fan Cooling: Efficient active cooling extends LED service life.

High Intensity: Stable, uniform output with fast curing (only a few seconds).

Low Power Consumption: Only 20% energy use of traditional mercury lamps, with 10x luminous efficiency.

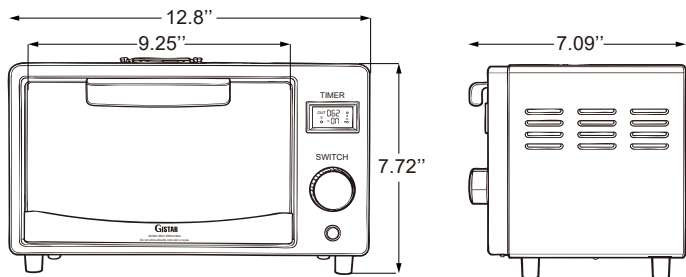
Low Heat Emission: Cold light source with no IR radiation; surface temperature rise $\leq 5^{\circ}\text{C}$ (vs. $60\text{--}90^{\circ}\text{C}$ for mercury lamps).

Instant On: Full UV output immediately, no warm-up needed.

Long Lifespan: $\geq 10,000$ hours, not affected by frequent on/off cycles.

Eco-Friendly: Mercury-free, ozone-free, safe and environmentally friendly alternative to traditional UV lamps.

BASIC SPECIFICATIONS



- Light Source Type: UV-LED
- LED Chip Model: 45mil-3W
- Voltage Range: AC90V–AC260V, 50Hz
- Cooling Method: Aluminum Heatsink + Fan Cooling
- Recommended Irradiation Distance: 2.8 - 3.9 Inches
(Shorter distance = faster curing)
- Operating Ambient Temperature: 5°C – 42°C
Relative Humidity: $\leq 85\%$

WARRANTY EXCLUDED IN THESE CASES

1. Damage caused by misuse, circuit modifications, or improper maintenance is not covered under warranty.
2. Water damage is not eligible for returns or exchanges.
3. Damage due to external factors such as drops or intentional damage after purchase is not eligible for returns or replacements.
4. Returns or exchanges will not be processed without a valid proof of purchase or order number.

During the warranty period, if the product fails under normal conditions of use, we will replace it with the same model free of charge.

GISTAR

AFTER-SALES SERVICE

The product comes with a 1-year warranty.

Email address: support@gistarvip.com

To expedite your return request, please attach clear photos/videos of the item to our after-sales email.