

# UV CURING LAMP

UVL 00

*Professional rechargeable  
UV Curing Lamp*

395nm



## WARNING

Read this manual before using this product. Failure to do so can result in serious injury. **KEEP THIS MANUAL.**

**Finixa UV curing lamp** is a rechargeable UV curing light developed with the latest ultra-hi-flux UV-A LED technology with custom-designed optics to provide more efficient and faster curing for all automotive repair and industrial refinishing work that uses ultraviolet light curable putties, fillers, primers and clear coats.

## FEATURES

- 66 Watts high power UV LED
- Successfully tested on UV paint products by the major paint manufacturers (PPG, Akzo Nobel, BASF, Axalta, etc.).
- Pure UV-A, no harmful UV-B & C.
- Efficient built-in cooling system keeps light cool to maintain optimum light output during extended use. Wall-mounted charging station provides more convenient recharging process.
- Efficient ultrasonic range finder function



## WARNING

1. Always use eye protection when using the UV lamp.
2. Never look directly into the light. Never direct the light towards the eye!
3. Do not direct the light to uncovered skin.
4. Do not open the device, except when removing battery for disposal/recycling.
5. Keep away from children!
6. Do not operate in direct sun light or extreme temperature conditions.
7. Inspect before every use; do not use when damaged or in case loose parts are visual.
8. Do not set light down on lens while on.
9. Only use charging adaptor included in the packaging. Other chargers can permanently damage the device or even cause fire.
10. People with pacemakers should consult their physician before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
11. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 60°C (140° F) or incinerate.

## SPECIFICATIONS

Light Source	High Power UV LED
LED Light Watt	66 Watts
LED Lifetime	40,000 Hours
LED Wavelength	$\lambda_p = 395 \pm 5 \text{ nm}$
Battery Type	Li-ion 11.1V - 5200mAh, 57.72Wh
Battery Charging Time	3 Hours
Battery Charging Info	AC 100 - 240V~ 15V 1.5A
Running time	90 Minutes in Total (Max 10 minutes each use)
Light Weight	0.9 Kg (2 Lbs)
Light Size	159 x 223 x 77mm (6-1/4" x 8-3/4" x 3")
Light Body Material	Aluminium+Polyamide
Cooling System	Passive thermal management system enhanced with fan
Storage temperature	-20°C ~ +50°C (-4°F ~ 122°F)

## ACCESSORIES

- 1 — UV Curing Lamp
- 2 — 15V1.5A Universal Charger
- 3 — 3x Universal Charger Adaptor
- 4 — Wall-Mounted Charging Station
- 5 — UV Protection Glasses



## THE OPERATION

### 1. GENERAL OPERATION



Wear **UV protection glasses** and do not remove until operation is finished.



Hold down the **main switch button** more than 1 second to power on or off.



Pull the **light trigger switch** to switch the light on or off.

### 2. FAULTY TRIGGERING PROTECTION SYSTEM



Double click the **main switch button** to lock or unlock the light when the power and display screen is off.

### 3. SETTING PROCEDURE



Press the **setting button** to start the setting procedure. Enter the 'minutes setting mode': the minutes display will keep flashing.



Press the **run time setting buttons** to adjust the minutes (Max 10).



Press the **setting button** again to enter the 'seconds setting mode'. The seconds display will keep flashing.



Press the **run time setting buttons** to adjust the seconds (Max 60).



Hold down the **run time setting buttons** for faster adjustment. The maximum time can be set to "10:00" minutes.



Hold down the **setting button** for 5 seconds without operation to confirm the setting procedure.



The countdown will start after pressing the **light trigger switch** to switch on the light.



The countdown will stop after pulling the **light trigger switch**. It will continue when pulling the trigger to switch the light on again.



If the light was powered off, the last countdown setting will be remembered when switching the power on the again.

The light will be automatically switched off when the remaining time of the display shows "00:00".

The light will automatically power off after 60 minutes without operation.

## TEMPERATURE CONTROL AND PROTECTION SYSTEM



Hold down the **setting button** for more than 5 seconds when the UV curing lamp is powered on. The display screen will show the current temperature of the light.

The UV curing lamp has a built-in cooling system that will automatically be powered on when the temperature exceeds 40°C (104°F).

When the light temperature reaches between 75°C (167°F) and 90°C (194°F), the light won't power off, but the buzzer will turn on and give an alarm every 30 seconds during the regular working period. The buzzer will continue until the end of the countdown showed "00:00" or stop when turned off manually.

When the light temperature is above 90°C (194°F), the UV curing lamp will automatically switch off and the cooling system will keep running until the temperature is below 50°C (122°F).

The light will be blocked until the temperature drops to 50°C (122°F).

We suggest to let the lamp cool down for a few minutes before switching off (after each use). This will ensure that your equipment cures at its best performance efficiency and gets a longer life span.



## ULTRASONIC RANGE FINDER FUNCTION

FFF

The UV curing lamp has a built-in ultrasonic range finder; ranging distance 4-400 ±3cm. The display screen will show "FFF " if distance is smaller than 4cm or longer than 400cm.

## CHARGING PROCEDURE



Position hole

Wall-mounted charging station

- Put the corresponding adapter onto the charger.
- Switch the light off and put it inside the wall-mounted charging station.
- Connect the charging station with the charger.
- The charging port on the handle will also be available when the charging station is not available



Adaptor

Universal charger



The charging port on the handle



Wall mount charging station



A digital battery indicator on the display screen shows the battery level during charging. The battery indicator will flash during charging and remain lit up and the buzzer will alarm 3 times after the lamp is charged.

If the battery indicator did not lit up, please remove the charger and try again. Always only use the original charger delivered with the lamp . The use of a NON-original charger can lead to a fire or cause damage to the lamp.

Charge the UV curing lamp for 4-5 hours before taking it into service for the first time. Fully charge the light before using if it was stored for more than 3 months.

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## SAFETY INSTRUCTIONS

- Do not use the device if there is damage to the housing, plug or cable. Consult your local authorized dealer!
- Do not open the device! Repair work and replacing the rechargeable battery pack may only be carried out by an authorized repairer.
- Carry out cleaning tasks only when the main plug is removed from the main power!
- Protect the battery against heat and against continuous intense sunlight, fire, water and moisture and danger of explosion
- In case fluids run from a defected battery due to a malfunction or improper use, always avoid contact as it can lead to skin irritation or burns. Rinse with plenty of water. In case the fluid comes into contact with the eye(s) always get medical assistance.
- The lamp is not allowed to be placed on unstable surface while switched on.

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## ENVIRONMENTAL PROTECTION

- The device should not be discarded in the normal household waste under any circumstances. Always dispose the device via an authorized disposal center or your communal waste disposal facility. Observe the current applicable regulations. Contact your waste disposal facility in the event of any doubt.
- Dispose of all packaging materials via an environmentally friendly disposal facility. Rechargeable batteries must not be disposed of in the household waste. Return used rechargeable batteries to your local battery collection facility or waste handler.



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## WARRANTY

**The device has a two years WARRANTY against faulty workmanship or materials.**

**Exclusions:**

1. Defects or damages caused by accident, fire, flood, lightning or other acts of nature.
2. Defects or damages caused by abuse, misuse, negligence or failure to observe the instructions contained in the manual
3. Equipment where the serial number has been altered and/or removed.
4. Equipment that was altered or repaired by anyone else than Chemicar or a Chemicar authorized service center in a manner that has affected their performance, stability and/or reliability

*\* Subject to technical changes. We assume no liability for printing errors.*



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