

TAKENOW®

Owner's Manual &
Safety Instructions

By TAKENOW®

FLYCURE 4

UV PROFESSIONAL RECHARGEABLE
CURING WL4026 / 395nm



TAKENOW® | FLYCURE 4

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WARNING

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


The **FLYCURE 4** rechargeable UV curing light utilizes the latest ultra-hi-flux UV-A LED technology and focused through custom-designed optics to provide More efficient, Faster, and Safer for all automotive repair and industrial finishes works which uses ultraviolet light curable fillers, base coats(primers), top coats, and clear coatings etc.

Features :

- Up to 1s curing time for some UV primer flashing off.
- Powerful irradiance with maximum UV-A intensity of 55,000 $\mu\text{W}/\text{cm}^2$ at 20 cm (8 inches).
- Successfully tested on UV paint products by the major paint manufacturers (PPG, Akzo Nobel, BASF, Axalta, Doppon etc.).
- Only powers and emits UV-A. No harmful UV-B & C.
- Efficient built-in cooling system keep 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. UVA protection glasses  must always be worn when using the **FLYCURE 4**.
2. To prevent permanent eye injury and blindness: Do not direct light at eyes. Risk of eye injuries!
3. Do not point **FLYCURE 4** directly at uncovered skin.
4. Do not open the device, except when removing battery for disposal/recycling.
5. Keep away from children! This is not a toy. Children should be supervised in order to ensure that they do not play with the device!
6. Do not operate in direct sun light or extreme temperature conditions.
7. Inspect before every use; do not use or charge if damaged or parts loose.
8. Do not set light down on lens while on.
9. Have your device serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the device is maintained.
10. Only use included charging adaptor. Other adaptors may damage device or cause fire.
11. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
12. Contains Li-Ion battery. Battery must be recycled or disposed of properly. Do not open, crush, heat above 60°C(140° F) or incinerate.

GENERAL 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)

TECHNICAL SPECIFICATIONS

Ultrasonic Range Finder	Max400cm	
Temperature Control Function	Working $\leq 90^\circ\text{C}$ (194°F)	
Safety Protection Function	Double click $\leq 100\text{ms}$	
Curing Distance	50mm(2")	200mm(8")
Curing Zong Dimensions	100mm x 100mm(4" x4")	200mm x 200mm(8" x 8")
Curing Time	5~12 seconds*	30~80 seconds*
Average Irradiance	135 mW/cm ²	36 mW/cm ²
Peak Irradiance	200 mW/cm ²	55 mW/cm ²

*This is laboratory data only for reference. The curing time may vary according to the paint product type, working condition, the curing process and/or other factors






FLYCURE 4
ACCESSORIES LIST


1. UV Curing Light WL4026
2. 15V1.5A Universal Charger
3. Universal Charger Adaptor
4. Wall-Mounted Charging Station
5. UV Protection Glasses

THE WL4026 OPERATION





General Operation











- Put the UV protection glasses  on and do not remove them during the working.
- Press the  more than 1 second to Power on or off. And then pull the trigger  to switch on or off the light.

Faulty triggering protection system

- Double click the  to lock or unlock the light when the power and display screen is off.

Setting Procedure

- Press  button to start the setting procedure and enter the minutes setting mode, minutes display keep flashing. Press  or  button to adjust the minutes (Max 10)
- Press  button again to enter the seconds setting mode, seconds display keep flashing.

- Press  or  button to adjust the seconds (Max 60)
- Press  or  button longer to adjust faster. The maximum time can be set to "10:00" minutes.
- Press  button or 5 seconds without operation to confirm the setting procedure.
- The countdown will start after pressed the trigger  and switch on the light.
- The countdown will also stop after pulled the trigger  and switch off, it will continue after pull the trigger  and switched on again.
- If the light was powered off  the last countdown setting will be remembered when power on  again.
- The light will be automatically switched off when the remaining time of the display shows "00:00".
- The light will be automatically power off after 60minutes without operation.





TEMPERATURE CONTROL AND PROTECTION SYSTEM

Press **SET** button more than 5 seconds¹ when **FLYCURE 4** is powered on, the display screen will show the current temperature² of the light.

- **FLYCURE 4** has a built-in cooling system and will be automatically powered on after the temperature higher than 40°C (104°F).

- When the light temperature is above 75°C (167°F) and below 90°C (194°F), it will not be powered off but the buzzer will be turned on and give an alarm every 30 seconds during the regular working period. The buzzer will be stopped until the end of the countdown showed "00:00" or turned off manually.

- When the light temperature is above 90°C(194°F), **FLYCURE 4** will be automatically switched off and cooling system keep running until the temperature below 50°C (122°F).

The light will not be available to work during this period until the temperature is lower than 50°C (122°F).

- Suggested keeping the light cool down for few minutes and switch off after each cure. It will ensure that your equipment cures at best performance efficiency and gets longer working life.

ULTRASONIC RANGE FINDER FUNCTION


FLYCURE 4 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

Put the corresponding adaptor onto the 15V 1.5A universal charger. Switch the light off and put it inside the Wall-Mounted charging station. Connect the charging station with 15V 1.5A universal charger. The charging port on the handle will also be available when the charging station is not available.



There will be a digital battery indicator  on display screen shows the battery level during the charging. The battery indicator will flash during charging and remain lighting up and the buzzer will alarm 3 times after the charging procedure is finished.

If the battery indicator did not light up, please remove the charger and try again. Always only use the charger recommended by **TAKENOW** to charge the lamp. The use of a NON-recommended

charger can lead to a fire and destroy the light.

Charge **FLYCURE 4** for 4-5 hours before taking it into service for the first time.

Fully charge the light before using if it is stored for more than 3 months.

SAFETY INSTRUCTIONS

- Do not use the device if there is damage to the housing, plug or cable. Consult your local authorized specialist!
- Do not open the device! Repair work and replacing the rechargeable battery pack may only be carried out by electricians.
- Carry out cleaning tasks only when the mains plug is removed from the mains power!
- There is a risk of short-circuit. Repairs on the device may only be carried out by commissioned and trained persons. Please contact your nearest authorized branch.
- Protect the battery against heat, e. g.,

- against continuous intense sunlight, fire, water, and moisture. Danger of explosion.
- If the battery is damaged or not used correctly. Fluids can leak from the battery. Avoid contact with these. Leaking battery fluids can lead to skin irritation or burns. Rinse off with water if you should come into contact. If the fluid gets into your eyes, make sure you get medical help.
- The lamp is not allowed to be placed on the light surface while being switched on.

ENVIRONMENTAL PROTECTION

- The device should not be discarded in the normal household waste under any circumstances. Dispose of 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 dealer or hand them in to a battery collection facility.



WARRANTY

The device has a two years WARRANTY against faulty workmanship or materials. The guarantee does not apply to damage to the device arising through a failure to comply with the operating instructions.

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