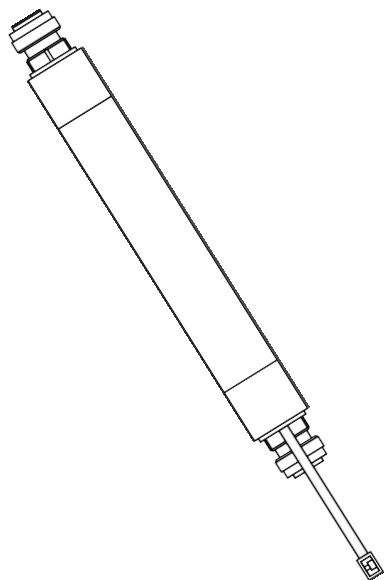


# Instruction Manuals

## UVC-LED Water Sterilizer



## Introduction

Thank you for using UVC-LED Water Sterilizer manufactured by Innest. Please read this instruction manuals carefully which indicates prescriptive and reasonable installation and usage before using the product to make sure it works properly and effectively. please contact us promptly in case of any problems encountered.

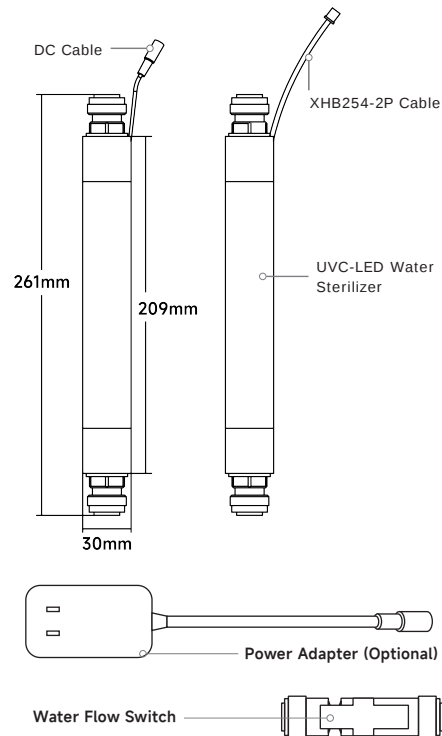
## Main Technical Parameter

|                           |                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| Product Name              | UVC-LED Water Sterilizer                                                                                         |
| Model NO.                 | HC-MKDCY-15                                                                                                      |
| Input                     | 100-240V, 50/60Hz                                                                                                |
| Output                    | 12V-2A/24V-1A                                                                                                    |
| Rated Power               | 24W                                                                                                              |
| Applicable Water Pressure | 0.1-0.4Mpa                                                                                                       |
| Applicable Temperature    | 0-45°C                                                                                                           |
| Switch Mode               | Connecting Device or Water Flow Switch                                                                           |
| Sterilization by          | UVC Ultraviolet waveband 260-280NM                                                                               |
| Effluent Water Flow Rate  | 10-15L/min                                                                                                       |
| Effluent Water Quality    | Refer to Part II-2.1.4.1 of the "Disinfection Technical Specifications" (2002 version by the Ministry of Health) |

## Installation

| Display and Function          | Working Condition                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Green Light                   | After water pass through the product, the indicator light turns "green" to indicate entering the sterilization mode for operation     |
| Red Light                     | After water pass through the product, the indicator light turns "red" to indicate a module malfunction                                |
| Water Flow Switch (Optional+) | The inlet pipe is connected to the IN interface of the water flow switch, and the OUT outlet is the connection module inlet connector |
| Water Pipe                    | The inlet and outlet are connected to a 3/8" PE water pipe                                                                            |

## Structure



Scope of Use

This UV-LED Water Sterilizer can be applied to Household and Commercial Water Purifiers, Water Dispensers, Intelligent toilets, Ice makers, Coffee machines, Food and Beverage Disinfection Equipment, Ultra-pure Water Instruments and other equipment etc.

Points for Attention

- 1.Do not disassemble any components on the sterilizer randomly to prevent water leakage and damage to the module.
- 2.Do not use a power supply that is not proportional to the rated voltage of the sterilizer, as the sterilizer uses A single-phase secondary power socket with a voltage range of 100-260V-50/60HZ.
- 3.When not in use for more than 24 hours, unplug the power plug, close the inlet ball valve, and cut off the water source.
- 4.When not in use for more than 72 hours, the previous use operation should be followed when reusing.
- 5.Handle with care during loading or unloading .
- 6.When the sterilizer malfunctions, the power and water sources shall be cut off immediately and contact professional technical personnel for maintenance.
- 7.Please check whether the voltage marked on the product matches the local power supply voltage before connecting the product to the power supply
- 8.In case that the power cord is damaged, it must be replaced by the manufacturer or its maintenance department or similar dedicated personnel to avoid danger
- 9.In case that the plug, power cord, or product itself is damaged, do not use this product again.
- 10.This product is not intended for use by individuals (including children) who lack relevant experience and technology, unless there are safety personnel responsible for providing guidance or instructions on the use of the product.
- 11.Do not move the product by pulling on the power cord.

Product Hazardous Substance Declaration

In order to meet the restrictions on harmful substances in Chinese electronic and electrical products laws, regulations, and other requirements, our company has conducted a detailed internal investigation and classified the components as follows

| Components                        | Hazardous Substance |      |      |          |       |        |
|-----------------------------------|---------------------|------|------|----------|-------|--------|
|                                   | (Pb)                | (Hg) | (Cd) | (Cr(VI)) | (PBB) | (PBDE) |
| Rubber Seal                       | ○                   | ○    | ○    | ○        | ○     | ○      |
| Electric Plate                    | ×                   | ○    | ×    | ○        | ○     | ○      |
| Other Metal Structural Components | ○                   | ○    | ○    | ○        | ○     | ○      |
| AC Adapter                        | ×                   | ○    | ○    | ○        | ○     | ○      |
| Plastic                           | ○                   | ○    | ○    | ○        | ○     | ○      |
| Wire                              | ○                   | ○    | ○    | ○        | ○     | ○      |
| Packaging Printing                | ○                   | ○    | ○    | ○        | ○     | ○      |

Warranty

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |
| Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                           |
| Phone Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |
| Purchase Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |
| Please fill out each column of this warranty in detail and stamp it with the dealer's seal, otherwise it will be invalid.<br>1. This product has undergone strict inspection before leaving the company. Users shall comply with the instructions and proper storage conditions, and the warranty period is one year from the purchase date.<br>2.In case that any of the following situations is occurred during the warranty period, free maintenance will be canceled :<br>①Failure to present warranty card or purchase voucher (invoice or receipt);<br>②Repairs exceeding the warranty period;<br>③Damage caused by disassembly or renovation;<br>④Damage caused by incorrect/negligent use or improper human use;<br>⑤Failure or damage caused by non ordinary household use (such as prolonged use in harsh environments);<br>⑥Dirty appearance caused by long-term ordinary household use. |                           |
| Inspector Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Dealer Signature and Seal |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |

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